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1902-1903.

TIME TABLE—FACULTIES OF ARTS AND SCIENCE

Years.	Hours.	*Monday.*	*Tuesday.*	*Wednesday.*	*Thursday.*	*Friday.*
First Year.	9	Jun. Chem. ..	....	Jun. Chem..	....	Jun. Chem. ..
	10	Latin.....	Greek	Latin.....	Greek	Latin .....
	11	Jun. Math.	Jun. Math. ..	Jun. Math ..	Jun. Math.	Jun. Math....
	12	....	English.....	....	English.....	....
	2	2nd German .	2nd French..	2nd German.	2nd French....	2n[redacted]
	"	Botany*	....	....	....	....
	3	1st German..	1st French ..	1st German ..	1st French	1s[redacted]
	"	Botany*	....	....	....	....
Second Year.	9	3rd German .	3rd French ..	3rd German..	3rd French	3rd German..
	"	....	Sen. Chem. ..	....	Sen. Chem....	....
	10	Sen. Math ..	Sen. Math....	Sen. Math....	Sen. Math.....	Sen. Math....
	"	....	....	....	....	Sen. Chem(Md)
	11	Latin	Greek	Latin.....	Greek	Latin .....
	"	....	Jun. Physics.	....	Jun. Physics ..	....
	12	English.....	Jun. Phil....	English.....	Jun. Phil	English .....
	2	2nd German ..	2nd French..	2nd German..	2nd French....	2nd German ..
	4	Jun. Physics.	... ...	....	....	Jun. Phil. ....
Third Year.	9	3rd German..	3rd French ..	3 d German..	3rd French . ..	3rd German ..
	"	....	Const. Hist..	....	Const. Hist....	....
	"	....	Sen. Chem..	Adv. Classics	Sen. Chem....	....
	10	Sen. Physics .	1st Greek....	Sen. Physics.	1st Greek.....	....
	"	....	English.....	....	English.....	....
	"	Sen. Phil....	Pol. Economy	Sen. Phil...	Pol. Economy..	Sen.Chem (Md)
	"	Mod. Phil....	App. Mechan.	Mod. Phil....	App. Mechanics	....
	11	Jun. History .	Jun. Physics	Jun. History.	Jun. Physics ..	Jun. History..
	"	....	Mineralogy ..	....	Mineralogy	Acoustics ....
	12	Latin	Greek	Latin	Greek	Adv. Classics..
	"	Adv. Math ..	....	Adv. Math..	....	Adv. Math....
	2	2nd German..	2nd French ..	2nd German..	2nd French....	2nd German ..
	"	Botany*	....	....	....	....
	2.30	....	Zoology	....	Zoology	....
	3	1st German..	1st French ..	1st German..	1st French	1st German ..
	"	Moral Phil. ..	Adv. Phil...	....	Adv. Phil....	Moral Phil....
	"	Greek Phil...	Bib. Liter....	.. ..	Bib. Liter.....	Greek Phil....
	"	Botany*	....	....	....	....
	4	Jun. Physics.	....	Education ..	....	....
Fourth Year.	9	3rd German .	3rd French ..	3rd German..	3rd French	3rd German ..
	"	Adv. English	....	Const Law ..	....	Const. Law ..
	"	....	Sen. Chem ..	Adv. Classics.	Sen. Chemistry	Adv. English..
	10	Sen. Phil....	Pol. Economy	Sen. Phil....	Pol. Economy..	....
	"	....	....	....	Const. Law	Sen.Chem(Md)
	"	Sen. Physics..	App. Mechan.	Sen. Physics.	App. Mechanics	Adv.Exp Phys
	11	Adv.Mat. Phy	Sen. History.	Adv.Mat. Phy	Sen. History ..	....
	"	....	Mineralogy ..	....	Mineralogy	....
	"	....	2nd Greek ..	....	2nd Greek	....
	12	Latin.....	3rd Greek....	Latin	3rd Greek.....	Adv. Classics..
	"	....	....	Contracts...	....	Contracts ....
	"	....	Adv. Math.	....	Adv. Math....	Adv. Math....
	1	....	....	....	....	Adv. Math....
	2	2nd German..	2nd French..	2nd German..	2nd French....	2nd German ..
	"	Botany*	....	....	....	....
	2.30	....	Zoology	....	Zoology	....
	3	Moral Phil ..	Adv. Phil....	....	Adv. Phil.....	Moral Phil....
	"	Greek Phil ..	Bib. Liter....	....	Bib. Liter.....	Greek Phil....
	"	Botany*	....	....	....	....
	4	....	English	Education ..	English.....	....

N. B.—The days and hours of meeting of classes not mentioned in this Time Table will be arranged at the opening of the session.

* The time of meeting of the Botany class may, in the event of conflict, be changed.

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CALENDAR

OF

DALHOUSIE COLLEGE

AND

UNIVERSITY.

HALIFAX, NOVA SCOTIA.

1902-03.

HALIFAX:
PRINTED FOR THE UNIVERSITY BY THE MCALPINE PUBLISHING CO., LTD.
1902.

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UNIVERSITY ALMANAC, 1902-1903.

1902.

Aug. 14. Th.—Last day for receiving applications for Matriculation Examination (Provincial Medical Board).

18. M.—Last day for receiving notices of Supplementary Examinations (Medical Faculty).

26. Tu.—Last day for receiving notices of Supplementary Examinations (Law Faculty).

28. Th.—Session (Medical Faculty) begins. Matriculation Examination (Prov. Medical Board) begins at 9 A. M., at Medical College.

Sept. 1. M.—Supplementary Examinations begin (Medical Faculty), 10 A. M.

" " Results Matriculation Examination (Prov. Med. Board) declared, and certificates issued.

" " Registration and payment of Class Fees (Medical Faculty) 11 A. M.

2. Tu.—Lectures begin at Halifax Medical College.

" " Session begins (Law Faculty).

10 A. M.. Registration and payment of Class Fees.

3 P. M , Supplementary Examinations.

3. W.—Lectures begin (Law Faculty).

6. Sa.—10 A. M., Meeting of Senate.

8. M.—Last day for receiving notices of Supplementary Examinations (Arts and Science Faculties).

9. Tu.—Session begins (Arts and Science Faculties).

3 P. M., Registration of candidates for Matriculation and Scholarship Examinations (Arts and Science Faculties).

10. W.—Examination for Junior and Senior Matriculation and for Entrance Scholarships (Arts and Science Faculties).

9.45 A. M., Latin.

3 P. M., Greek.

11. Th.—10 A. M., Geometry.

3 P. M , Arithmetic, Algebra.

12. F.—10 A. M., History and Geography.

3 P. M., English.

13. Sa.—10 A. M., French.

3 P. M., German.

15. M.—10 A. M., Chemistry.

" " 10 A. M., Supplementary Examinations begin (Arts and Science Faculties).

17. W.—9 A. M., Meetings of Faculties of Arts and Science.

3 P. M., CONVOCATION. Address by Prof. S. M. Dixon, M. A.

18. Th.—Registration and payment of class fees (Arts and Science Faculties).

" " Lectures begin (Arts, Science and Medical Faculties).

Oct. 1. W.—Intimation as to elective subjects to be made by undergraduates (Arts Faculty) on or before this day.

2. Th.—4.30 P. M., Meeting of Faculty of Law.

13. M.—Returns as to residence and church attendance to be made on or before this day.

18. F.—4.30 P. M , Meeting of Faculties of Arts and Science.

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Nov. 6. Th.—4 30 P. M , Meeting of Faculty of Law.
—. Th.—Thanksgiving Day. No lectures.
—. F.—Munro Day. No lectures.
Dec. 4 Th.—4.30 P. M.. Meeting of Faculty of Law.
11.—Th.—Last day of lectures (Arts and Science Faculties).
13. Sa.—Christmas Examinations (Arts and Science Faculties) begin:
9.00 A. M., Junior Philosophy, Senior Physics.
3.00 P. M., Junior Physics.
15. M.— 8.45 P. M., Latin.
11.15 A. M., Senior History.
3.00 P. M., Botany.
16. Tu.— 9.00 A. M., German.
11.15 A. M., Junior and Senior Mathematics.
3.00 P. M., First English, Greek Philosophy.
17. W.— 9.00 A. M., Political Economy.
11.15 A. M., Second, Third and Fourth English.
3.00 P. M., Chemistry, Modern Philosophy.
18 Th.— 9.00 A. M., Greek
11.15 A. M., French.
3.00 P. M., Junior and Senior Mathematics, Junior History. Applied Mechanics.
19. F.—Christmas vacation begins.

1903.

Jan. 6. Tu.—Lectures resumed (Faculties of Arts, Science, Law and Medicine).
23. F.—4 P. M., Meeting of Senate.
Feb. 5. Th.—4.30 P. M., Meeting of Faculty of Law.
19. Th.—Last day of Lectures (Faculty of Law).
20. F.—Sessional Examinations begin (Faculty of Law).
" " 3 P. M , Equity; Real Property, 1st Year.
21. S.—10 A. M., Evidence.
3 P. M., Crimes.
23, M.—10 A. M., Constitutional History; International Law.
3 P. M , Constitutional Law.
24. Tu.—10 A. M., Sales.
25. W.—10 A. M.. Real Property, Advanced.
3 P. M., Torts.
26. Th.—10 A. M , Evidence.
27. F.—10 A. M., Contracts; Conflict of Laws.
3 P. M., Shipping.
Mar. 2. M.—Last day for receiving M. A. and M. Sc. Theses.
F.—Good Friday. No Lectures.
Apr. 1. W.—Last day for receiving applications for Primary and Final M. D., C. M. Examinations.
7. Tu.—Last day of Lectures (Faculties of Arts and Science).
9. Th.—Last day of lectures (Faculty of Medicine).
" " Spring Examinations (Faculties of Arts and Science) begin.
9.00 A. M., Junior and Modern Philosophy.
3.00 P. M., Education, Mathematics.
10. F.— 9.00 A. M., Practical Chemistry (Laboratory, 1st Division).
2.30 P. M., Practical Chemistry (Laboratory, 2nd Division).
11. Sa.— 9.00 A. M., Latin.
3 00 P. M., French.
13. M.—Class certificates (Medical Faculty, and Hx. Med. College), issued on presentation of class fee receipts at Registrar's office, Dalhousie College, 11 A. M., and at Secretary's office, Hfx. Med. College, respectively.

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Apr. 13. M.—Spring Examinations continued:
9.00 A. M., Second and Third English.
3.00 P. M., Junior Physics.
14. Tu.— 9 00 A. M., First English, Additional Third English, Practical Physics.
3.00 P. M., Sen. Physics; Addit. Jun. and Modern Philosophy.
15. W.—Primary and Final M. D., C. M. Examinations begin.
Spring Examinations continued:
9.00 A.M., Junior and Sen. Practical Chemistry (written), and Political Economy.
3.00 P. M., Additional Latin; Additional Education; Junior Anatomy; Materia Medica and Therapeutics; Surgery.
16. Th.— 9.00 A. M., Junior and Senior Chemistry.
3.00 P. M., Junior and Senior History; Medical Jurisprudence and Hygiene; Medicine.
17. F.— 9.00 A. M., Greek; Geology.
3.00 P. M., Greek Philosophy; Senior Anatomy; Pathology.
18. S.— 9.00 A. M., Addit. Greek; Addit. French.
3.00 P M., German.
20. M.— 9.00 A. M), Mathematics; Addit. Sen. Physics.
3.00 P.M., Addit. History; Addit. First and Second English; Mineralogy; Histology: Obstetrics and Diseases of Women and Children.
21. T.— 9.00 A. M, Addit. Mathematics; Addit. Moral Philosophy; Oral Examination in Chemistry.
2.00 P. M., Clinical Medicine at Victoria General Hospital.
2.30 P. M,, Oral Exams. in Chemistry, Medical Jurisprudence and Hygiene, Materia Medica and Therapeutics.
3.00 P. M., Additional Junior Physics.
22. W.— 9.00 A. M., Additional German.
2.00 P. M , Clinical Surgery at Victoria General Hospital.
3 00 P. M., Botany: Addit. Political Economy; Physiology.
23. Th.— 9.00 A. M., Zoology.
2.30 P. M., Oral Examinations: Anatomy; Pathology.
24. F.— 2.30 P. M., Oral Exams.: Physiology; including Histology; Surgery; Medicine; Obstetrics and Diseases of Women and Children.
25. Sa.—Meeting of Faculties of Arts and Science at 9 A. M.
" " Meeting of Faculty of Medicine at 4 P. M.
27. M.—Meeting of Senate at 9 A. M.
" " Results of Examinations (Faculties of Arts, Science and Medicine) declared.
28, Tu.—CONVOCATION, at 3 P. M.

N. B,—The dates of the Examinations are liable to change as circumstances may demand.

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HISTORICAL SKETCH.

DALHOUSIE COLLEGE was founded by the Right Honourable George Ramsay, Ninth Earl of Dalhousie, "for the education of youth in the higher branches of science and literature."

The original endowment was derived from funds collected at the port of Castine, in Maine, during its occupation in 1814 by Sir John C. Sherbrooke, then Lieutenant-Governor of Nova Scotia.

In a letter to Lord Bathurst, dated December 14th, 1817, Lord Dalhousie, with the unanimous consent of the Council, proposed that £9,750 of these funds be devoted to the "founding of a College or Academy on the same plan and principle as that in Edinburgh," "open to all occupations and sects of religion, restricted to such branches only as are applicable to our present state, and having the power to expand with the growth and improvement of our society," and that this College be established in Halifax, "the seat of the legislature, of the courts of justice, of the military and the mercantile society," "in front of St. Paul s Church," on "the Grand Parade."

On the 6th of February, 1818, Lord Bathurst wrote expressing the Prince Regent's "entire approval of the application of the funds in question in the foundation of a Seminary in Halifax for the higher classes of learning."

The building was begun in 1819, and on the 22nd of May, in the year 1820, "the corner stone of this College, designed for a Public Seminary in which the youth of this and other British Provinces may be educated in the various branches of literature and science, was laid by His Excellency Lieutenant-General, the Right Honourable George Ramsay, Earl of Dalhousie, G. C. B., Captain-General and Governor-in-Chief in and over His Majesty's Provinces of Lower Canada, Upper Canada, Nova Scotia and New Brunswick, and the islands of Prince Edward and Cape Breton."

It was not until the 13th of January, 1821, that the "Bill to incorporate the Governors of Dalhousie College at Halifax" became law. The exterior of the building was completed about this time, and two rooms were fitted up for lectures. The total cost of the building to June, 1822, was £11806.2s. currency, so a MS. minute of the Board of Governors states.

The original Board of Governors consisted of the Governor-General of British North America, the Lieutenant-Governor of Nova Scotia, the Bishop, the Chief Justice and President of Council, the Provincial Treasurer and Speaker of the House of Assembly.

After unsuccessful efforts in 1823-4 and 1829-36 on the part of both the British Government and the Board of Governors to effect a union with King's College, the only other then existing in the Province, this College went into operation in 1838, under the Presidency of the Rev. Thomas McCulloch, D. D., and with a staff of three Professors.

By an Act passed in 1841, University powers were conferred on the College, and the appointment of the Governors was vested in the Lieutenant-Governor and Council.

In 1843, President McCulloch died; and in 1845, the College was closed, the Governors considering it "advisable to allow the funds of the institution to accumulate."

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In 1848, an Act was passed authorizing the Lieutenant-Governor and Council to appoint a new Board of Governors "to take some steps for rendering the institution useful and efficient as to His Excellency may seem fit" This Board, from 1849 to 1859, employed the funds of the University to support a High School.

In 1856, the Arts department of the Gorham College, Liverpool, N. S., was transferred to this College "with a view to the furtherance of the establishment of a Provincial University," and an attempt was made to conduct the Institution as a University under the Act of 1841. This union, however, came to an end in 1857.

In 1863, the College was re-organized under the following Act:

An Act for the Regulation and Support of Dalhousie College.

(Passed the 20th day of April, A. D. 1863.)

WHEREAS, it is expedient to extend the basis on which the said College is established, and to alter the constitution thereof, so as the benefits that may be fairly expected from its invested capital and its central position may, if possible, be realized, and the design of its original founders, as nearly as may be, carried out;

Be it enacted by the Governor, Council, and Assembly, as follows:

1. The Board of Governors now appointed, consisting of the Honourable William Young, the Honorable Joseph Howe, Charles Tupper, S. Leonard Shannon, John W. Ritchie, and James F. Avery, Esquires, shall be a body politic and corporate by the name and style of the Governors of Dalhousie College at Halifax, and shall have and exercise all usual powers and authorities as such, and have the title, control and disposition of the buildings on the Parade, at Halifax, and of the property and funds belonging to the said college and held for the use thereof, by the present Governors; and all vacancies at the Board shall be filled up on recommendation of the remaining members thereof by the Governor-in-Council; and any of the Governors shall be removed by the Governor-in-Council, at the instance of the Board of Governors.

2. Whenever any body of Christians, of any religious persuasion whatsoever, shall satisfy the Board that they are in a position to endow and support one or more chairs or professorships in the said College, for any branch of literature or science, approved by the Board, such body in making such endowment, to the extent of twelve hundred dollars a year, shall have a right, from time to time, for every chair endowed, to nominate a Governor to take his seat at the Board with the approval of the Board of Governors and of the Governor-in-Council, and shall also have a right, from time to time, to nominate a Professor for such chair, subject to the approval of the Board of Governors; and in the event of the death, removal, or resignation of any person nominated under this section, the body nominating shall have the power to supply the vacancy thus created.

3. The same right of nominating a Professor from time to time shall belong to any individual or number of individuals, who shall endow to the same extent and support a chair or professorship and to the nominee of any testator by whose will a chair or professorship may be so endowed.

4. The Governors shall have power to appoint, and to determine the duties and salaries of the President, Professors, Lecturers, Tutors, and other officers of the College, and from time to time to make statutes and by-laws for the regulation and management thereof, and

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shall assemble together as often as they shall think fit, and upon such notice as to them shall seem meet, and for the execution of the trust hereby reposed in them.

5. The said college shall be deemed and taken to be a University, with all the usual and necessary privileges of such institutions; and the students shall have liberty and faculty of taking the degrees of bachelor, master, and doctor, in the several arts and faculties at the appointed times; and shall have liberty within themselves of performing all scholastic exercises for the conferring of such degrees, and in such manner as shall be directed by the statutes and by-laws.

6. No religious tests or subscriptions shall be required of the professors, scholars, graduates, students, or officers of the College.

7. The internal regulations of the said College shall be committed to the Senatus Academicus, formed by the respective chairs or professorships thereof, subject in all cases to the approval of the Governors.

8. The Legislature shall have power, from time to time, to modify and control the powers conferred by this Act.

9. The Acts heretofore passed in relation to Dalhousie College are hereby repealed, except the Act passed in the fourth year of his late Majesty King George the Fourth, entitled, "An Act authorizing the lending of a sum of money to the Governors of Dalhousie Collrge, and for securing the payment thereof."

This Act was afterwards amended by the following Acts:

An Act to amend the Act for the Regulation and Support of Dalhousie College.

(Passed the 6th day of May, A. D. 1875.)

Be it enacted by the Governor, Council, and Assembly, as follows:

1. The present Board of Governors, consisting of nine persons, shall be increased to a number not exceeding fifteen; and the Board shall be filled up with new nominations made on the same principle as set forth in the first section of the Act hereby amended; and any of the Governors shall be removable, as heretofore by the Governor-in-Council.

2. The Governors shall have power to affiliate to Dalhousie College any other college desirous of such affiliation, or any schools in arts, in theology, in law, or in medicine, and to make statutes for such affiliations, and for the regulation and management thereof, on the same principles as obtain in other Universities, and to vary and amend such statutes from time to time. Provided always, that such statutes of affiliation, before they go into effect, shall be submitted to and receive the sanction of the Governor-in-Council.

3. So much of Chapter 24 of the Acts of 1863, entitled, "An Act for the Regulation and Support of Dalhousie College," or of any other Act as is inconsistent with this Act, is repealed.

An Act to provide for the Organization of a Law Faculty in connection with Dalhousie College, and for other purposes.

(Passed the 14th day of April, A. D. 1881.)

Be it enacted by the Governor, Council, and Assembly, as follows:

1. The Governors of Dalhousie College, at Halifax, shall in addition to the powers conferred on them by section 2 of chapter 27 of the Acts of 1875, entitled, "An Act to amend the Act for the

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Regulation and Support of Dalhousie College," have power to organize a Faculty of Law in connection with such College, and to appoint professors or lecturers in law, and out of the revenues of the College to provide for the maintenance and support of such Faculty, and to make rules for the regulation and management of such Faculty, and for the granting of degrees in law on the same principles as obtain in other Universities, and to vary and amend such rules from time to time.

2. Section 3 of Chapter 24 of the Acts of 1863, entitled, "An Act for the regulation and support of Dalhousie College," is amended by adding the words "and governor" after the word "professor" in the said section, and any individual who has hitherto endowed a chair or chairs in the College shall have a right to nominate a governor for each chair endowed, in the same way as if section 3 aforesaid had been originally passed as now amended.

3. Section 1 of the said chapter 27 of the Acts of 1877, is amended by adding the words "provided, however, that in the event of any body of Christians, individual, or number of individuals, endowing and supporting one or more chairs or professorships in the said College, as provided by sections 2 and 3 of the Act hereby amended, and of such body of Christians or individuals nominating a professor or governor by virtue thereof, the number of governors may be increased beyond fifteen, but such increase shall be limited to the number of such chairs or professorships as may after the passing of this Act be founded by virtue of said sections 2 and 3."

In pursuance of the Act of 1863, the Presbyterian Church of the Lower Provinces closed their College, and agreed to support two chairs in this University; the Synod of the Maritime Provinces in connection with the Church of Scotland founded one chair; and the College opened in that year, under the Principalship of Rev. James Ross, D. D., and with an Arts Faculty of six Professors. On the death of Principal Ross in 1885, and Professor Lyall in 1890, the Presbyterian Church withdrew the two professorships they had previously supported.

In 1868, a Faculty of Medicine was organized, which, in 1875, developed into the Halifax Medical College. In 1885 the Faculty was re-organized.

In 1883, the Faculty of Law, and, in 1891, the Faculty of Pure and Applied Science, were added.

In 1879, the late George Munro, of New York, a native of this province, placed in the hands of the Governors the funds necessary for the endowment of a Professorship of Physics. In 1881 he established a Professorship of History and Political Economy. In 1882, he founded a chair of English Language and Literature. In 1883 he added to the staff of the College a Professor of Constitutional and International Law. In 1884 he founded a Professorship of Philosophy. From 1883 till 1890 he provided Tutors in Classics and Mathematics. From 1880 to 1894 he provided the University with Exhibitions and Bursaries to the amount of $83,148.69, which, according to his own desire, were so offered for competition as to stimulate to greater activity and efficiency the High Schools and Academies of Nova Scotia and the neighboring provinces.

The Governors desire to place on permanent record their high sense of Mr. Munro's enlightened public spirit, and their gratitude to him for the munificent manner in which he came to their help in the work of building up an unsectarian University in Nova Scotia.

To connect the donor's name for all time with the benefits thus conferred both on the University and on his native country, the chairs

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which he founded shall be called the GEORGE MUNRO CHAIRS of PHYSICS, of HISTORY AND POLITICAL ECONOMY, of ENGLISH LANGUAGE AND LITERATURE, of CONSTITUTIONAL AND INTERNATIONAL LAW, and of PHILOSOPHY, respectively.

IN 1882, ALEXANDER MCLEOD, ESQ., of Halifax, bequeathed to the University the residue of his estate. The following is an extract from his will:

"All the residue of my estate I give and bequeath to the Governors of Dalhousie College or University in the City of Halifax in trust, that the same shall be invested and form a fund to be called the McLeod University Fund, and the interest and income of which shall be applied to the endowment of three or more professorial chairs in said College as they may deem proper; but this bequest is made upon these conditions, namely, that if at any time the said College or University shall cease to exist, or be closed for two years, or be made a sectarian College, then and in any such case, the said fund and all accumulations thereof shall go to the said Synod of the Maritime Provinces of the Presbyterian Church in Canada, to be used for the purposes of higher education in connection with said Synod, and it is further stipulated that no part of this fund shall ever be used, either by said Governors of Dalhousie College or by the said Synod, as a collateral security under any circumstances whatever."

According to the provisions of the will, the MCLEOD CHAIRS OF CLASSICS, CHEMISTRY, and MODERN LANGUAGES were founded.

IN 1886, the late SIR WILLIAM YOUNG, one of the oldest and best friends of the College, subscribed $20,000 to start a Building Fund. In 1887, Sir William bequeathed to the University half the residue of his estate, together with a Prize Fund of $4,000, and the amount remaining unpaid of his subscription to the Building Fund. The following are extracts from his will:

"I bequeath to the Governors of Dalhousie College at Halifax the sum of $4,000 to be kept continually invested by them, and that they shall apply the income derived therefrom in founding and maintaining a prize of a gold medal of the value of $50, to be called Sir William Young's medal, and to be annually awarded for scholastic eminence, and to have the recipient's name engraved thereon, with the year of his attendance at College, and in founding and maintaining such other prizes for distribution among the students of said College as the Governors may from time to time approve.

"Having agreed and promised to the Governors of Dalhousie College to pay them the sum of $20 000 to aid in the erection of their building now in progress, I direct my executors to pay the said sum from time to time as it may be required by the said Governors.

"All the rest and residue of my estate I direct my executors to divide into two even and equal parts or shares, and to pay over one such part or share to * * *, and the other part or share to the Governors of Dalhousie College at Halifax for the general purposes of said College.

"In the event of my having paid to Dalhousie College during my life-time any part of said sum of $20,000 hereinbefore mentioned, as agreed to be paid to them to aid in the erection of the College buildings, I do direct my executors to pay to said Governors the balance only, if any, that may be due on said sum at the time of my decease."

On April 27th, 1887, the corner-stone of the new building was laid by Sir William Young.

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In 1887, by the will of the late J. F. Avery, M. D., of Halifax, the following bequest was made to the College:

"I give and bequeath the sum of $500 to Dalhousie College in the City of Halifax, to be at the disposal of the Senatus of the said College, and the interest thereof to be appropriated for an annual prize.

In 1887, by the will of the late Mrs. Harriet Elizabeth MacKenzie, or Morrison, of Stornaway, Scotland, formerly of Pictou, N. S., the following bequest was made to the College:

"To Dalhousie College, £1,000 for founding a bursary for students attending said College, subject to such conditions and regulations as the governing body of said College may appoint, but with this proviso that said bursary shall be called the 'MacKenzie Bursary,' and that students of the name of Mackenzie, Maclean, and Fraser shall have a preference in the selection of beneficiaries therefor."

In 1890, by the will of the late John P. Mott, Esq., of Halifax, the following bequest was made to the College:

"I give and bequeath to the Board of Governors of Dalhousie College, or to such individuals or organization in whom or in which the control of such College shall be legally vested, the sum of ten thousand dollars, to be legally invested by the said Governors, individuals or organization, and the proceeds applied for the benefit of such College so long as it shall remain and continue to be a non-sectarian institution as at present."

In 1901 the College received the following bequest from the late Professor Charles Macdonald, M. A.:

"To Dalhousie College Library Fund two thousand dollars for the purchase of books chiefly in English literature; the annual interest of this sum only to be employed or used."

The following amounts were subscribed to the "Dalhousie College Library Fund" in 1867:

His Excellency the Lieutenant-Governor, $400; John Tobin, M.P.P. $200; Dr. Tupper, Hon. Provincial Secretary, Jas. Thompson, Rev. G. M. Grant, J. F. Avery, M. D., J. A Sinclair, W. A. Henry, and John Stairs, $100 each; Neal, White & Co., and G. P. Mitchell, $50 each; Jas. Cochran, S. Fleming and J. Northup, $40 each; Jas. Scott, $30; Errol Boyd, $25; S. Brown, H. Blanchard, W. McLellan, M. P. P.; R. B. Seeton, W. M. Harrington, E. Kenny, M. H. Richey, Thos. King, Bill & Anderson, and a Friend, $20 each.

The following donations have been made to the Endowment Fund:

Sir William Young, Hon. W. J. Stairs, Hon. Stayley Brown, John Gibson, John P. Mott, Wm. P. West, Thos. A. Ritchie, and Hon. Robert Boak, $1,000 each; Thos. E Fraser, $600; Adam Burns, Peter Jack, Hon. Jeremiah Northup, Prof. Lawson, Alex. McLeod, Hon. J. W. Carmichael, Prof. Macdonald, Prof. Weldon, $500; Prof. J. G. MacGregor, $400; D. C. Fraser, M. P., J. M. Carmichael, George F. McKay, Prof. H. Murray, $250 each; Sinclair & Patterson, $240; Hugh MacKenzie, C. H. Cahan, $200 each; J. F. McLean, $150; Israel Longworth, R. J. Turner, George Campbell, Mrs. J. R. Dickie, J. C. Mahon, H. T. Sutherland, Senator McKay, $100 each; C. A. Robson, $75; Rev. Dr. Burns, $60; Angus Chisholm, J. Heywood McGregor, P. A. McGregor, S. Fraser, J. H. McKay, W. R. Campbell, W. S Muir, M. D., Martin Dickie, D. H. Smith, Angus Murray, F. A. Laurence, M. P. P., Wm. Donald, W. H. Magee, Ph. D., $50 each; with smaller sums amounting to $280.

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THE following subscriptions have been made to the Building Fund:

Rev. Louis H. Jordan, $1,000; John Donll, John S. McLean, Hon. R. Sedgwick, $750; Thomas Bayne, John Macnab, Adam Burns, Hon. R. Boak, Dr. Avery, $500 each; President Forrest, $375; James Forrest, $300; Prof. John Johnson, Peter Jack, William Miller, Prof. Macdonald, $250 each; Prof MacGregor, A. & W. Mackinlay, $225 each; Prof. W. J. Alexander, Judge Graham, $200 each; James Scott, R. B. Seeton, Rev. Dr. McMillan, Wm. Robertson, J. C. Mackintosh, H. McD. Henry, John Y. Payzant, Pearson, Morrison & Forbes, $150 each; J. J. Stewart, $120; Rev. E. Scott, Peter Ross, H W. C. Boak, Picton Academy, $100 each; Wm. B. Wallace, Arthur Drysdale, E. L. Newcombe, Alfred Costley, H. W. Barnes, Hugh MacKenzie, $75 each; W. C. Silver, Graham Fraser, $50 each; with smaller sums amounting to $95.

THE following subscriptions have been made from time to time to meet curreut expenses:

John Doull, $2,900; Adam Burns, $2,625; W. J. Stairs, $1,450; Hon. R. Boak, $1,410; Donald Keith, $1,000; Rev. Pres. Forrest, $900; W. B. Ross, $800; Prof. J. Johnson, LL.D., $600; Hon. Sir W. Young, Thos. Ritchie, Prof. B. Russell, D. C. L., Prof. W. Murray, Farquhar, Forrest & Co., and the Class of 1893, $500 each; Rev. J. McMillan, D. D., $450; A. H. McKay, LL. D., $413.21; J. D. MacGregor, $400; J. S. Maclean, Prof. J. Liechti, Drysdale & McInnes, D. A. Campbell, M. D., and Prof. D. A. Murray, $300 each; R. L. Borden and J. C. Mackintosh, $250 each; J. Avery, M. D., Sir S. Fleming, Rev. Prin. Grant, LL. D, Thos. Bayne, John Gibson, John Macnab and J. A. Turnbull, $200 each; Jas. Scott and A. K. MacKinlay, $180 each; The Medical Faculty, $310; Hon. A. G. Jones, Geo. Thomson, and Geo. Campbell, M. D., $150 each; W. Dennis, H. W. Barnes, W. & J. Macdonald, $125 each; J. J. Bremner, $120; B. H. Collins, J. Donaldson, Prof. J. DeMille, Prof. G. Lawson, LL. D., Alex. McLeod, R. Morrow Hon. J. Northup, Jos. Northup, T. A. Ritchie, Rev. Prin. Ross, D.D. E. Smith, R. H. Skimmings, John Stairs, James Thomson, Sir C. Tupper, James Thompson (Pictou), J. McG. Stewart, J. H. McKenzie, A. K. McLean. W. D. Cameron, and G. S. Campbell, $100 each; Hon. J. W. Carmichael, C. D. Hunter, Maj.-Gen. Laurie, Lawson, Harrington & Co., Prof. C. Macdonald, J. P. Mott, and Hon. Judge Ritchie, $80 each; E. M. Macdonald and R. L. Schwartz, $75 each; G. P. Mitchell, Hon. S. L. Shannon, and Rev. A. Rogers, $60 each; J. B. Duffus, R. W. Fraser, Peter Jack, W. H. Neal, C. M. Blanchard, Chas. Morash, Thos. Notting, E. P. Allison, Jas. D. McLean, Prof. A. G. Laird, Prof. J. E. Creighton, Victor Frazee, H. Mellish, T. J. Cahalane, Prof. A. S. Mackenzie, Capt. H. B. Stairs, G. G. Patterson, J. A. MacKinnon and Geo. E. Faulkner, $50 each; with smaller sums amounting to $1,899.

The following donations have been made from time to time for the provision of scientific apparatus and of laboratory and museum equipment:

Alumni Association, $924; Hon. Sir William Young and Prof. E. MacKay, $500 each; A. H. MacKay, LL. D., $438.79; Prof. J. G. MacGregor, $200; J. F. Avery, M. D., Thos. Bayne, Hon. R. Boak, Alex. McLeod, John MacNab, Hon Jeremiah Northup, W. J. Stairs, and W. P. West, $100 each; Thomas A. Brown, Messrs. Doull & Miller, Messrs. Esson & Co., John Gibson, Peter Jack, Prof. G. Lawson, J. S. Maclean, Robert Morrow, Hon. J. W. Ritchie, James Thomson and a Friend, $50 each. with smaller sums amounting to $645.

Miss Lawson and Mrs. W. F. McCoy, daughters of the late Prof. Geo. Lawson, have presented their father's microscope to the College.

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The following contributions have been made to the Library since 1892 for the purchase of books and to meet current expenses :

Prof. J. Seth (proceeds of course of lectures), $245 ; Prof. A. MacMechan (proceeds of courses of lectures), $573 ; Faculty of Arts, $220 ; Alumni Association, $733 ; English Class (proceeds of dramatic recitals), $60.44 ; Friend of the College, $75 ; H. McInnes, LL. B., $40 ; Class of '94, $40 ; Lecturers on Education, $60 ; Philomathic Society, $20 ; Class of '97, $53; Class of 95, $50 ; S. A. Morton, Esq., M. A., $12 ; Class of '96, $210 ; Class of '98, $66 ; Class of '99, $248.50 ; Three Friends, $300 ; Class of '00, $123.70 ; Class of '01, $101.84 ; Class of '02, $100 ; Miss B. L. M., $12 ; R. C., $5 ; W. M. H., $2 ; A. D. Gunn, B. L., $10 (and $90 more promised), R. H. Graham, B. A., LL B , $20 ; Rev. D. McDonald, $5 (subscribed).

The following donations have been made to the Law Library prior to 1888 :

Sir Wm. Young, $200 ; Robert Sedgwick, $600 ; Professor Weldon, $500 ; Prof. Russell, $400 ; Mr. Justice Thompson, $200 ; John Y. Payzant, $400 ; James Thomson, Q. C., $275 ; Hon. Wallace Graham, $400 ; Hon. H. McD. Henry, $200 ; Prof. MacGregor, $100 ; J. J. Stewart, $100 ; Hon. R. Boak, $100 ; John Doull, $50 ; Dr. J. F. Avery, $50 ; T. A. Ritchie, $50 ; Jas. Pyles, $50 ; Hon. J. W. Ritchie, $40 ; Peter Jack, $25 ; Thomas Kenny, $25 ; A. K. MacKinlay, $25 ; James Scott, $25 ; R. W. Fraser, $20 ; George W. Munro, $20 ; D. Buchanan, $10 ; C. S. Harrington, $150 ; Hon. S. L. Shannon, $125 ; W. J. Stairs, $100 ; R. I. Hart. $100 ; Doull & Boak, $100 ; Hon. J. N. Ritchie, $100 ; Hon. J. W. Johnstone, $50 ; R. L. Borden, $50 ; B. H. Eaton, $50 ; S. A. Chesley, $50 ; John Menger, $50 ; J. T. Ross, $50 ; F. B. Wade, $40 ; J. N. Lyons, $25 ; J. W. Allison, $25 ; J. F. Stairs, $25.

The following portraits, views and busts have been presented to the College and are placed in the Libraries :

Portrait of George Munro, painted by J. Colin Forbes, and presented by Helen Munro Schurman ; Portrait of Sir William Young, painted by Barrett, and presented by the Faculty of Arts ; Portrait of Lord Dalhousie, painted by J. Watson Gordon, and engraved by Thomas Lupton, presented by Professor MacGregor; Portrait of Professor James DeMille, presented by Professor MacMechan ; Portrait of John Young (" Agricola "), presented by his son, Judge Young, of Prince Edward Island ; an Engraving of Faed's "Scott and his Literary Friends "; an engraved View from Cowie's Hill in 1805, showing Melville Island, also an original Drawing of Halifax from Fort Needham, both presented by Miss Eliza Ritchie, Ph. D.; Photograph of a portait of " Sam Slick," presented by his daughter, Mrs. Weldon ; Photograph of Mr. Justice Sedgwick ; Photograph of " Old Dalhousie ; " Bust of John Locke, presented by Professor MacGregor.

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A. W. H. LINDSAY, B. A., M, D., C. M. (Dal.), M. B., C. M. (Edin.), *Examiner in Anatomy.*

JOHN STEWART, M. B., C. M., (Edin.), *Examiner in Surgery.*

HON. D. MCN. PARKER, M. D., (Edin.), L. R. C. S,, (Edin.), *Examiner in Medicine.*

ANDREW J. COWIE, M. D., (Univ. Penn.), L. R. C. P., (Lond.), *Examiner in Obstetrics and Diseases of Women and Children.*

JOHN F. BLACK, B. A., (Vind.), M D., (Coll. Phys. & Surg., N. Y.), *Examiner in Clinical Surgery.*

ALEXANDER P. REID, M. D., C. M , (McGill), L. R. C. S., (Edin.), L. C. P., and S. (Can.), *Examiner in Medical Jurisprudence and Hygiene.*

M. A. CURRY, B. A., (Vind.) M. D. (Univ. N. Y.), *Examiner in Obstetrics and Diseases of Women and Children.*

MURRAY MCLAREN, B. A. (Univ. N. B.), M. R. C. S. (Eng.), M. D. (Edin.), *Examiner in Physiology and Histology.*

WILLIAM TOBIN, F. R C. S. (Ire.), *Examiner in Ophthalmology, Otology and Laryngology.*

HON. HUGH MCD. HENRY, (Judge Supreme Court), *Examiner in Medical Jurisprudence.*

LOUIS M. SILVER, B. A. (Vind.) M. B., C. M., (Edin.), *Examiner in Physiology and Histology.*

F. W. GOODWIN, M. D., C. M. (Hal. Med. Coll.), *Examiner in Materia Medica and Therapeutics,*

F. U. ANDERSON, L. R. C. P., (Edin.), M.R. C. S. (Eng.), *Examiner in Anatomy.*

W. H. HATTIE, M. D., C. M (McGill), *Examiner in Pathology and Bacteriology.*

GEORGE M. CAMPBELL, B. A. (Dal.), M. D. (Bell Hosp. Med. Coll.), *Examiner in Pathology and Bacteriology.*

N. E. MCKAY, M. D., C. M. (Hal. Med. Coll.), M. B. (Univ. Hal.), M. R. C. S., (Eng.), *Examiner in Surgery.*

HECTOR HOWARD MACKAY, M. D., C. M. (McGill), *Examiner in Materia Medica and Therapeutics.*

MURDOCH CHISHOLM, M. D., C. M. (McGill), *Examiner in Clinical Surgery.*

NORMAN FREDERIC CUNNINGHAM, M. D. (Bell Hosp. Med. Coll.), *Examiner in Clinical Medicine.*

Dean of the College: PROFESSOR HOWARD MURRAY.
Librarian: PROFESSOR DANIEL A. MURRAY.
Curator of the Museum: PROFESSOR E. MACKAY.

Instructor in Gymnastics: SERGT.-MAJOR LONG.

Janitor: ALEXANDER CLARKE.

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Faculty of Arts.

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Secretary to the Faculty.—PROFESSOR MACMECHAN.
Registrar to the Faculty.—PROFESSOR LIECHTI.

Correspondence should be addressed:

"*The Secretary, Faculty of Arts,*
Dalhousie College, Halifax, N. S.

§ I.—Courses of Instruction.

I—CLASSICS.

(McLeod Professorship).

Professor..... HOWARD MURRAY, B. A.

First Latin Class.

Mondays, Wednesdays and Fridays, 10—11 A. M.

Cicero, *Orations against Catiline;* Vergil, *Aeneid*, Book VI.; *Cicero, *Pro Lege Manilia;* *Vergil, *Aeneid*, Book IV. Latin Prose Composition. Exercises in Sight Translation. Roman History to the Battle of Actium.

Books recommended: Cicero, *Orations against Catiline.* (Wilkins's, Macmillan, N. Y., 60 cents,) Cicero, *Pro Lege Manilia*, (Wilkins's, Macmillan, N. Y., 60 cents), or Cicero, *Selected Orations and Letters*, (Kelsey's, Allyn & Bacon, Boston, $1.25. This book includes all the speeches to be read by the class, and has the advantage of having the vowel-quantities indicated.) Vergil, *Aeneid*, Book VI, (Page's, Macmillan, N. Y., 40 cents). Vergil, *Aeneid*, Book IV, (Stephenson's, Macmillan, N. Y., 40 cents). Bradley's Arnold's *Latin Prose Composition*. Smith's *Smaller History of Rome*, (Harper's, N. Y.). Bennett's *Latin Grammar*, (Allyn & Bacon, Boston, 80 cents), or Allen & Greenough's, (Ginn & Co., Boston, $1.20).

*For private reading by students seeking First or Second Class Distinction. Passages for translation at sight will be set in all examinations.

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Second Latin Class.

Mondays, Wednesdays and Fridays, 11 A. M.—12 M.

Livy, Book I; Horace, *Odes*, Books I and II; *Horace, *Odes*, Books III and IV. Latin Prose Composition. Exercises in Sight Translation. Grecian History to the death of Alexander.

Books Recommended: Livy, Book I, (Rolfe's [text with indicated quantities]. Allyn & Bacon, Boston. 25 cents). Horace *Odes*, (Page's in Macmillan's Classical Series, each book 50 cents, or Books I—IV, in one volume, $1.25). Bradley's Arnold's *Latin Prose Composition.* Smith's *Smaller History of Greece*, (Harper's, N. Y.)

Third Latin Class.

Mondays and Wednesdays, 12 M.—1. P. M.

Tacitus, *Histories*, Book I; Horace, *Satires* (selected); *Cicero, *De Officiis*, Book III; *Tacitus, *Annals*, Book IV. Latin Prose Composition. Exercises in Sight Translation.

Books Recommended: Tacitus, *Histories*, Book I, (Godley's, Macmillan, 90 cents). Horace, *Satires and Epistles*, (Rolfe's, Allyn & Bacon, Boston, $1.40), Cicero, *De Officiis*, Book III, (Holden's, Cambridge University Press, 2 s.). Tacitus, *Annals*, Books I—IV, (Furneaux's, Clarendon Press, 5 s.).

First Greek Class.

Tuesdays and Thursdays, 10—11 A. M.

Xenophon, *Hellenica*, Books I and II; *Xenophon, *Cyropaedia*, Book I. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Xenophon, *Hellenica*, Books I and II, (Underhill's, Macmillan, 75 cents). Xenophon, *Cyropaedia*, Book I, (Bigg's, Macmillan, 50 cents). Fletcher & Nicholson's *Greek Prose Composition.* Goodwin's *Greek Grammar*, Ginn & Co., Boston, $1.50).

Second Greek Class.

Tuesdays and Thursdays, 11 A. M.—12 M.

Lucian, *Selected Dialogues;* Homer, *Odyssey*, Book IX; *Lysias, *The Sacred Olive, Against Eratosthenes, For the Cripple.* Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Lucian, *Selections*, (Inge & Macnaghten's, Longman's, 3s 6d.) Homer, *Odyssey*, Book IX, (Edward's, Macmillan, 60 cents). Lysias *Select Orations*, (Bristol's, Allyn & Bacon, Boston, $1.00). Fletcher & Nicholson's *Greek Prose Composition.*

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*For private reading by students seeking First or Second Class Distinction.

Passages for translation at sight will be set in all examinations.

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Third Greek Class.

Tuesdays and Thursdays, 12 M.—1 P. M.

Demosthenes, *Philippics*, I—III; Euripides, *Medea:* *Aeschylus, *Prometheus Vinctus*, *Lucian, *Charon* and *Timon*, (as in Inge and Macnaghten's Selections). Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Demosthenes, *Philippics*, (Abbott & Matheson's, Clarendon Press, 2s. 6d.). Euripides, *Medea*, (Verrall's, in Macmillan's Classical Series, 60 cents). Aeschylus, *Prometheus Vinctus*, (Laurence's G. Bell & Sons, 2s.). Lucian, *Selections* (Inge & Macnaghten's, Longman's, 3s. 6d.).

Advanced Class.

Professor.....HOWARD MURRAY, B. A.
Lecturer.....J. W. LOGAN, B. A.

Three or four times a week.

In this class a portion of the Latin and Greek subjects prescribed for the special Course in Classics is read, and Prose composition is regularly practised.

II.—NEW TESTAMENT GREEK.

The class and examinations in New Testament Greek, conducted by Professor R. A. FALCONER, M. A., B. D., in the Presbyterian Theological College, Halifax, are recognized as qualifying for a degree. Similar classes in other Theological Colleges approved by the Faculty, are also recognized for the same purpose.

First Year Class.

Daily, 12.30. P. M.

The work of this class consists of the interpretation of the Gospels, especially those of St Matthew and St. John. Lectures are also given on the language of the New Testament, the principals of Textual Criticism, Introduction to the Gospels, the Jewish world at the time of Christ and the geography of Palestine.

Text-books: Stevens and Burton: *Harmony of the Gospels*, or Huck; *Synopse der drei ersten Evangelien.* Hammond: *Textual Criticism of the New Testament* Mathew's: *A History of New Testament Times in Palestine.* Simcox: *Language of the New Testament.*

Books recommended: F. Blass: *Grammar of N. T. Greek.* Burton: *New Testament. Moods and Tenses.* Nestle: *Textual Criticism of the Greek N. T. Expositor's Greek Testament*, Vol I. Swete: *Gospel of St. Mark.* Plummer: *Gospel of St. Luke. Westcott. Gospel of St. John.* Plummer. *Gospel of St. John.*

III.—HEBREW.

The class and examinations in Hebrew, conducted by Professor JOHN CURRIE, D. D., in the Halifax Theological College, are recognized as qualifying for a degree. Similar classes in other Theological Colleges approved by the Faculty, are also recognized for the same purpose

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*For Private reading by students seeking First or Second Class Distinction.

Passages for translation at sight will be set in all examinations.

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Junior Class.

Daily, 8.45—9.40 A. M.

Text-book: Davidson's Introductory Hebrew Grammar, with Progressive Exercises in Reading and Writing, (T. & T. Clark, Edinburgh, 7s. 6d.).

The aim of the course is, by a thorough drill in paradigms exercises in reading and writing, to impart a fair knowledge of inflection and syntax, and the ability to read at sight easy parts of the Hebrew Scriptures.

Books recommended: Gesenius' Hebrew Grammar, revised edition, (Mitchell, Bradley & Woodruff, Boston, $3). Green's Hebrew Grammar, new edition, unabridged (Wiley and Sons, New York, $3). Harper's Introductory Hebrew Method and Manual, latest edition, (American Publication Society of Hebrew, Chicago). Robinson's Gesenius' Hebrew Lexicon, (Houghton, Miffin & Co., Boston, $6.).

IV.—MODERN LANGUAGES.

(McLeod Professorship).

Professor.....JAMES LIECHTI, M. A.

First French Class.

Tuesdays and Thursdays, 3—4 P. M.

Macmillan's *Progressive French Reader*, II year, (Fasnacht). Molière: *Le Bourgeois Gentilhomme*, (Macmillan & Co.). Eugène Scribe: *Valérie* (Macmillan & Co.). Exercises in Grammar and Composition, (Fasnacht's First Course by Macmillan & Co.).

Additional for a First-Class position: Saintine, *Picciola*, First ten chapters; or Octave Feuillet: *Le Roman d'un Jeune Homme Pauvre*, first fifteen chapters.

Text-books: Brachet's Public School Elementary French Grammar. Other text-books required will be announced at the opening of the Session.

Second French Class.

Tuesdays and Thursdays, 2—3 P. M.

For 1902-03. Racine: *Esther*. Molière: *L'Avare*. Sight-reading: a comedy by Scribe, (Macmillan & Co.). Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. French composition.

For 1903-04. Racine: *Athalie*. Molière: *Les Précieuses Ridicules* (Macmillan & Co.). Labiche et Martin: *Le Voyage de Monsieur Perrichon* (American Book Co.). Sight-reading: a comedy by Scribe. Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. French composition.

Molière: *Le Misanthrope*, (Macmillan & Co.), and either Madame de Staël: *L'Allemange*, first twenty chapters, or Pierre Cœur: *L'Ame de Beethoven*, (Macmillan & Co.), are prescribed for private reading to candidates for a First Class position.

Text-books: As in First Class. Outlines of the History of French Literature (Saintsbury's Primer).

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Third and Fourth French Classes.

Tuesdays and Thursdays, 9—10 A. M.

For 1902-03. Molière: *Les Femmes Savantes.* Racine: *Iphigénie.* Corneille: *Le Cid,* (Macmillan & Co). Sight-reading: a comedy by Scribe. Translation from English writers. French Composition, 2nd course, by Eugène Fasnacht (Macmillan & Co.). Trauslation of unspecified passages from modern authors.

For 1903-04. Corneille: *Horace.* Racine: *Phèdre* Sight-reading: a comedy by Scribe, Translations from English writers. French composition, 2nd course, by Eugène Fasnacht (Macmillan & Co.). Translation of unspecified passages from modern authors.

Text-books: As in Second Class. Masson: Littérature française.

THIRD FRENCH: Molière: *Tartufe,* Acts I and II, (Macmillan & Co.), and either Victor Hugo: *Les Travailleurs de la Mer,* Chapters I to V (incl.) (Rivington's) or Madame de Staël: *Corinne ou l'Italie,* livres I to V (incl.) are prescribed for private reading to candidates for a First Class position. FOURTH FRENCH: Molière: *L'Ecole des Maris* and *L'Ecole des Femmes,* (I and II Acts of each).

First German Class.

Mondays, Wednesdays and Fridays, 3—4 P. M.

Buchheim: *German Reader,* Part II. Schiller: *Whilhelm Tell,* (Macmillan & Co.). Groller: *Incognito,* (American Book Co.). Additional for a First Class position: Gustav Ebner: *Herr Walther von der Vogelweide,* (Macmillan & Co.), or Helene Stökl: *Unter dem Christbaum,* (D. C. Heath & Co.). Exercises in Grammar and Composition. Elementary German Prose Composition, by E. S. Buchheim, (Clarendon Press.)

Text-books: Joynes-Meissner's German Grammar, (D. C. Heath & Co. Other text-books required will be announced at the opening of the Session.

Second German Class.

Mondays, Wednesdays and Fridays, 2—3 P. M.

For 1902-03. Goethe: *Egmont.* Schiller: *Maria Stuart,* (Macmillan & Co.). Sight-reading from Helene Stökl's: *Unter dem Christbaum,* (D. C. Heath & Co.). Translation from English writers. Original compositions. Translations of unspecified passages from modern authors. Bernhard's course in German composition (Ginn & Co.).

For 1903-04. Goethe: *Herman und Dorothea,* (Clarendon Press). Lessing: *Minna von Barnhelm,* (Macmillan & Co.). Sight-reading from Helene Stökl's: *Unter dem Christbaum,* (D. C. Heath & Co.). Translations from English writers. Original compositions. Translations of unspecified passages from modern authors.

Text-books: As in First Class. Critical outline of the Literature of Germany by Alb. Selss, Ph. D. (Longmans, Green & Co.)

Schiller: *Die Jungfrau von Orleans,* Prolog and Act I., and either Heine: *Die Harzreise* (Macmillan & Co.), or *Freudvoll und Leidvoll* (Ed. Dr. W. Bernhardt) (American Book Co.), are prescribed for private reading to candidates for a First Class position.

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Third German Class.

Mondays, Wednesdays and Fridays, 9—10 A. M.

1902-03. Lessing: *Nathan der Weise* (Macmillan & Co.). Goethe: *Götz von Berlichingen* (Macmillan & Co). Prose composition. Translation of unspecified passages from modern authors. Sight-reading from Prehn's *Journalistic German.* (American Book Co.).

For 1903-04. Lessing: *Minna von Barnhelm* (Macmillan & Co.). Gustav Freytag: *Die Journalisten* (Macmillan & Co). Goethe: *Iphigenie auf Tauris.* Prose composition. Translation of unspecified passages from modern authors. Sight-reading from Prehn's *Journalistic German.* (American Book Co.).

Schiller: *Wallensteins Tod*, Act I, 5th Scene; Act II, 2nd and 3rd Scenes; Act III, 18th Scene; (George Bell & Sons) and either Goethe: *Faust, Prolog im Himmel*, and first three scenes of Part I, (by Jane Lee (Macmillan & Co.), or Heine: *Harzreise* (Macmillan & Co.) are prescribed for private reading to candidates for a First Class position.

Text Books: As in Second Class. Bernhardt's *Hauptfakta aus der Geschichte der deutschen Litteratur* (American Book Co.).

Fourth German Class.

Twice a Week.

Schiller: *Lyrische Gedichte*, Goethe: *Faust*, Part I, by Jane Lee: Macmillan & Co.). Prose composition. Translation of unspecified passages from modern authors. Selss's German Literature.

Private reading for a First Class position: Schiller: *Wallensteins Lager*, and Lessing: *Sara Sampson*, or Schiller: *Geisterseher.*

Advanced German Class.

Twice a Week.

The subjects studied in this class will be those prescribed for the special course of English and German (§ viii (8)). The course will extend over two years.

1902-03. Middle High German: Grammar (Wright's Middle High German Primer). Selections from Wackernagel: Kleineres Altdeutsches Lesebuch. Selections from authors of the 18th century. Prose Composition.

1903-04. Middle High German; Grammar (Paul's Grammar). Selections from Wackernagel: Kleineres Altdeutsches Lesebuch. Selections from Swiss and Plattdeutsch dialect literature. Selections from authors of 16th and 17th centuries. Prose composition.

Other text-books will be announced at the opening of the Session.

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V.—ENGLISH LANGUAGE AND LITERATURE.

(George Munro Professorship.)

Professor .....ARCHIBALD MACMECHAN, PH. D.

The course in English is mainly literary; the method pursued is historical. The different periods are studied in the representative works of the period; and in all cases actual acquaintance with the texts precedes criticism upon them. This part of the course is intended to furnish the student with an outline picture of English literature from Chaucer to Tennyson. The work for "class distinction" is meant to broaden the knowledge of more ambitious students. The essential facts of Historical English Grammar are taught by means of lectures in the Second Year. In Composition, practice is set before theory; the various exercises are corrected and preserved; the writing of "reports" forms part of this work. In the Advanced Classes, the aim of the instruction is to acquaint the student with the Grammar of Old and Middle English, and to widen his knowledge of Elizabethan literature.

First (A.) Class.

Tuesdays and Thursdays, 12—1 P. M.

COMPOSITION. Christmas Term; imitative exercises in the construction of narrative and descriptive paragraphs. Spring Term; ten narrative and descriptive themes based chiefly on personal experience.

LITERATURE. — Eighteenth Century. rose. Addison: *Papers Contributed to "The Spectator."* Johnson: *Life of Pope.* (Macaulay: *Samuel Johnson*). Poetry. Dryden: *MacFlecknoe, St. Cecilia's Day, Alexander's Feast.* Pope: *Rape of the Lock.* Gray: *Elegy in a Country Church-yard.* Goldsmith: *Traveller, Deserted Village.* Burns: *Twa Dogs, Cotter's Saturday Night.*

For reference: Gosse, *History of Eighteenth Century Literature.*

Candidates for Class Distinction will be examined in these additional works which are not read in class. Dryden: *Absalom and Achitophel.* Pope: *Essay on Man.* Johnson: *Lives, of Dryden, Addison and Gray.*

Two reports on private reading, assigned by the instructor, are required from each student.

Books recommended: Hale: *Longer English Poems* (containing all the poetry read in class): Addison, ed. T. Arnold; (Clarendon Press Series; Johnson: *Six Chief Lives*; ed. M. Arnold.

PARALLEL READINGS.—As a preparation for this course, the student is recommended to read the following works:—Thackeray; *English Humorists, Congreve and Addison. The History of Henry Esmond,* (bk. ii, cap. xi, at least). Macaulay, *The Comic Dramatists of the Restoration, Addison.*

Second (B) Class.

Mondays, Wednesdays, and Fridays, 12—1 P. M.

COMPOSITION.—Lectures on the Principles of Narration, Description, and Exposition. Twenty Expository themes, based chiefly upon the work read in class.

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LITERATURE.—Elizabethan. Shakespere: *King John, As You Like It, Macbeth.* Milton: *Comus, L'Allegro, Il Penseroso, Lycidas, Sonnets, Paradise Lost, Bks. I, II.* Lectures.

ENGLISH LANGUAGE.—A short course of Lectures on the History of the English Language, at the end of the Spring Term.

For reference. Sidney Lee: *A Life of William Shakspeare:* Dowden: *Shakspeare Primer;* Saintsbury: *History of Elizabethan Literature.*

A report on private reading assigned by the instructor, is required from each student. Candidates for Distinction are required to present a second report.

Candidates for Class Distinction will be examinded in the following plays, which are not read in class:—*Henry V, Twelfth Night, Julius Cæsar.*

PARALLEL READING.—As a preparation for this course, the student is recommended to read the following works: Kingsley: *Westward Ho!* Scott: *Kenilworth.* Hetzner: *Travels in England.* Harrison: *Description of England.* (*Scott Library,* W. Scott). Macaulay: *Milton.*

Third (C) Class.

Tuesdays and Thursdays, 10—11 A. M.

LITERATURE.—Middle English and Pre-Shakesperean. Chaucer: *Prologue, Knight's Tale, Nun's Priest's Tale.* Sweet's *Middle English Primer II.* Spenser: *Fœrie Queene,* bks. I. II. Marlowe: *Dr. Faustus.* Lectures.

History of Literature: Pollard: *Chaucer Primer.* For reference. Lounsbury, Ten Brink. Morley: *English Writers, V.*

For Distinction. Chaucer: *The Prioress's Tale, Sir Topas, The Monk's Tale, The Squire's Tale.*

Fourth (D.) Class.

Tuesdays and Thursdays, 4—5 P. M.

(Not given in 1902-1903)

LITERATURE.—Nineteenth Century. Scott: *Old Mortality, Marmion.* Byron: *Poems,* selected and edited by Matthew Arnold. Wordsworth: ed. Dowden (*Athenæum Press* Series). Tennyson: *The Lady of Shalott, Oenone, Lotus Eaters, A Dream of Fair Women, Morte d' Arthur, Dora, Sir Galahad, The Lord of Burleigh, Ulysses.* Browning: *Andrea del Sarto, Epistle of Karshish, Memorabilia, Evelyn Hope, A Toccata of Galuppi's, The Statute and the Bust, In a Balcony, The Last Ride Together.* Ruskin: *Sesame and Lillies.* Carlyle: *Sartor Resartus: ed,* MacMechan, (*Athenæum Press* Series).

History of Literature. Saintsbury: *History of Nineteenth Century Literature.* Hereford: *Age of Wordsworth.* Oliphant: *Literary History of England.*

For Distinction. A thesis on a subject assigned by the instructor.

This subject may be assigned at the end of the previous session and completed during the summer vacation. It should in any case, be

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selected at the beginning of the session in which the student intends to present it, and must embody the results of an original literary investigation. The following are the titles of representative theses which have been accepted: *Chatterton, A Study in Style; The Relation of "Tristram Shandy" to "Anatomy of Melancholy"; Tennyson's Treatment of Colour in "The Idylls of the King"; "Alastor," edited with Introduction and Notes.* The Thesis must be written on special thesis paper and bound. A copy must be deposited in the College Library.

Fifth (E.) Class. (Advanced.)

Mondays and Fridays, 9—10 A. M.

(Not given in 1902-1903.)

OLD ENGLISH.—Bright. *Anglo-Saxon Reader.* Sievers. O. E. Grammar, trans. Cook. Sight translation from easy texts.

Sixth (F.) Class. (Advanced.)

ELIZABETHAN DRAMA.—Marlowe: *Tamburlaine, Edward II., The Jew of Malta.* Greene: *Friar Bacon and Friar Bungay.* Jonson: *The Alchemist, Every Man in His Humor.* Beaumont and Fletcher: *Philaster, The Knight of the Burning Pestle.* Massinger: *A New Way to Pay Old Debts.* Webster: *The Duchess Malfi.* Shakspere: the tragedies, *Two Noble Kinsmen.*

This course is conducted by means of a Seminary.

Books Recommended: History of Literature: Ten Brink, Saintsbury. Brooke. Texts: Clarendon Press, "Mermaid," "Temple Dramatists," Thayer: "Best Elizabethan Plays."

VI.—BIBLICAL LITERATURE.

Lecturers..... PROF. D. M. GORDON, D. D.
PROF. R. A. FALCONER, LL. D.

Tuesdays 3—4 P. M. and Fridays 4—5 P. M.

This course extends over two sessions, and covers the whole Bible. Professor Gordon will give one lecture a week on the Old Testament, Professor Falconer one lecture a week on the New Testament. Although students are advised to take the entire course, the work of any one session will be accepted as an elective in the Third or Fourth Year. During session 1902-03, the *First Part* of the course will be the subject of study.

OLD TESTAMENT.

First Part. Introduction. The Record of Revelation. Outline of structure. What did Moses write? The Pentateuch, its sources and contents. The Law. The Religious Institutions of Israel. The earlier Histories. The Monarchy. The earlier Prophets, including Amos, Hosea, Isaiah and Micah. The Captivity of the Northern Kingdom.

Second Part. Recapitulation. The later Histories. The Prophets subsequent to 700 B. C. The Exile and Restoration. The Poetical Books and other writings. The Messianic Elements in the Old Testament. The Canon. The Religious Value and Authority of the Old Testament.

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NEW TESTAMENT.

First Part. Literary characteristics of the Gospels Synoptic Problem. Johannine question. Readings from the four Gospels outlining the Life of Jesus Christ. A comparison, both as to form and import, of the discourses and parables of the Synoptics with the teaching of the Gospel according to John.

Second Part. The Literature of the Apostolic Age, exclusive of the Gospels. Books to represent the historical movements especial as set forth in Acts, and the different types of thought of the Apostolic Age will be studied in brief outline, e. g The Epistles to the Galatians, Ephesians and Hebrews: those of James, Peter and John, together with selections from the Revelation in illustration of prophetic literature.

Text-Books for N. T.: Stevens and Burton's *Harmony of the Gospels.* (Mathews's *History of N. T. Times in Palestine.*) Burton and Mathew's *Constructive Studies in the Life of Christ.* McClymont's *New Testament and its Workers.*

For Class Distinction a knowledge of the following books will be required:—Sanday: *Bampton Lectures.* W. Robertson Smith: *Prophets of Israel.* Ramsay: *St. Paul the Traveller and Roman Citizen.*

Recommended for reading:—Kent: *History of the Hebrew People.* W. Robertson Smith: *Old Testament in the Jewish Church.* Robertson: *Early Religion of Israel.* Moulton: *Literary Study of the Bible.* Driver: *Introduction to the Literature of the O. T. The Messages of the Bible:* edited by Sanders & Kent. Bartlet: *Apostolic Age.* Articles in Hastings' Dictionary of the Bible:—*Jesus Christ,* by Sanday; *Gospels,* by Stanton; *New Testament Canon,* by Stanton; also the separate articles on each of the books of the N. T.

VII.—HISTORY AND POLITICAL ECONOMY.

(*George Munro Professorship.*)

Professor .....REV. PRESIDENT FORREST.

Junior History Class.

Mondays, Wednesdays and Fridays, 11 A. M.—12. M.

Mediæval History and Modern History to 1555.

The class work will be conducted by means of lectures and examinations on prescribed reading. A detailed syllabus with references and passages prescribed for reading will be given to students on the opening of the class.

Candidates for First Class Distinction will be examined on Hallam's Middle Ages, Bryce's Holy Roman Empire, and introductory sections of Robertson's Charles V.

Books recommended: Gibbon: *Decline and Fall of the Roman Empire;* Hallam: *Middle Ages;* Bryce: *Holy Roman Empire;* Irving: *Mahomet and His Successors;* Guizot: *History of Civilization;* Michaud: *History of the Crusades;* Robertson: *Charles V;* Stubbs: *Constitutional History of England;* Labberton: *Historical Atlas.*

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Senior History Class.

Tuesdays and Thursdays, 11 A. M.—12 M.

Modern History from 1555.

The class work will be conducted by means f lectures and examinations on prescribed reading. In the lectures, oooks of reference will be named and select portions specified for reading.

Disputed points will be marked out for special study and students required to examine authorities and weigh conflicting opinions, and thus learn to study history critically for themselves.

Candidates for First Class Distinction will be examined on Green and Guizot, and a few chapters to be specified in other works.

Books recommended: Green: *England, Vol. IV.;* Guizot: *France (Masson's Abridgement);* Menzel: *Germany;* Motley: *Dutch Republic;* Bancroft: *United States;* McMaster: *History of the People of the United States;* Parkman: *France and England in North America;* Labberton: *Historical Atlas.*

Advanced History Class.

Once a Week.

English History from 1603 to 1688.

The work of the class will be conducted by means of lectures and examinations on reading prescribed from Clarendon, Gardiner, Green, Hallam, Ranke, Lingard and other authorities.

This class is intended especially for undergraduates taking the Special course in English and English History.

Political Economy Class.

Tuesdays and Thursdays, 10—11 A. M.

The work of this class will be conducted by means of lectures and examinations on prescribed reading.

The lectures will generally follow the order of arrangement of Mill's Principles of Political Economy. 1.—THE NATURE OF WEALTH. Analysis of fundamental conceptions of Wealth. &c. 2.—PRODUCTION OF WEALTH: Labor, Capital, Population, and their relations to each other. 3.—DISTRIBUTION OF WEALTH: Wages, Profits, Rent, Socialism, Labor Unions, Land Tenure. 4.—EXCHANGE: Value, Money, Banking. 5.—RELATIONS OF GOVERNMENT TO TRADE AND INDUSTRY: Tariffs, Taxation.

Particular attention will be given to the problems of the day. Protection and Free Trade, Trade Unions, Combines, Bimetalism. Each student is required to read the whole of Mill's *Principles*, together with prescribed passages from leading economists and current literature on the subjects. Weekly examinations will be held on the prescribed reading.

Candidates for First Class Distinction will be examined on additional work, which will be announced at the beginning of the Session.

Text Book: Mill: *Principles of Political Economy.*

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Advanced Political Economy Class.

Twice a Week.

The work of this class will consist of lectures, entering into the Principles of Polltical Economy, more fully than in the ordinary class, with examinations on reading prescribed in the works of leading writers on the subject.

VIII.—CONSTITUTIONAL LAW AND CONSTITUTIONAL HISTORY.

The classes in Constitutional Law and Constitutional History, conducted by Professor Weldon in the Faculty of Law, and the examinations conducted in these subjects by the Faculty of Law, are recognized as qualifying for a degree.

IX.—CONTRACTS.

The class in Contracts, conducted by Professor Russell in the Faculty of Law, and the examinations conducted in this subject by the Faculty of Law, are recognized as qualifying for a degree.

X.—PHILOSOPHY.

(*George Munro Professorship.*)

Professor.....WALTER C. MURRAY, M A.

Junior Philosophy.

Tuesdays and Thursdays, 12—1 P. M., Fridays, 4—5 P. M.

The work of this class will consist of two courses of lectures, one on Logic, and one on Psychology, with essays, discussions, and oral examinations.

The work in the course on Logic will be selected so as to afford the best possible mental training. In the Psychological course, experiments will be introduced as much as possible to supply a basis for the theory and for the purpose of illustration. Especial attention will also be given to the connection between Psychology and Educational methods.

Books recommended: Creighton: *Introductory Logic*: Mill: *Logic*; Titchener: *Primer of Psychology*; James: *Psychology*. Reading for Distinction—Berkeley: *Divine Visual Language. Principles of Human Knowledge*, (Open Court Edition); Bosanquet: *Essentials of Logic*.

Senior Philosophy.

Mondays and Wednesdays 10—11 A. M.

For 1903-4. This course of lectures is intended to serve as an introduction to Metaphysics.

Books recommended: Tyndall: *Fragments*, Vol I; Huxley: *Essays*; Haeckel: *Monism, Riddle of the Universe*; James: *Psychology, Vol I*; Clifford: *Essays*; Spencer: *First Principles*; Darwin: *Origin of Species*; Helmholtz: *Popular Lectures Ser. I*; Martineau: *Essays Vol. IV*; Watson: *Outline of Philosophy*; Bradley: *Appearance and Reality*; Royce: *The World and the Individual*; Paulsen: *Introduction to Philosophy*; Balfour: *Foundations of Belief*. Ward: *Naturalism and Agnosticism*.

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Modern Philosophy.

Mondays and Wednesdays, 10—11 A. M.

For 1902-3. After a preliminary sketch of the principal problems of Metaphysics, the development of Modern Philosophy from Locke will be studied in Locke's *Essay*, Berkeley's *Principles of Knowledge*, and *Siris*, Hume's *Enquiry*, Reid's *Inquiry*, Kant's *Prolegomena*, and Watson's Extracts from Mill's Writings.

Books: Seth (A.) *Scottish Philosophy;* Locke: *Essay;* Berkeley: *Selections* by Fraser; Hume: *Treatise* and *Enquiry*; Reid: *Works* (ed. by Hamilton), *and Enquiry* (Sneath's Edition); Kant: *Prolegomena*, translated by Mahaffy & Bernard; Wenley: *Outlines of Kant's Critique;* Mill: Selections (Watson): Douglas: *John Stuart Mill*, Blackwood's Philosophical Classics; Hoffding's or Falckenberg's or Weber's *History of Philosophy*; Open Court's Editions of *Berkeley, Hume* and *Kant.*

Greek Philosophy.

Mondays and Fridays, 3—4 P. M.

For 1902-3. In this course an introductory sketch of the development of Greek Philosophy from Thales is followed by a critical study of Plato's *Apology, Crito, Phædo, Republic*, and *Theætetus;* and Aristotle's *Ethics* (*Muirhead's Edition.*)

Books Recommended: Ferrier; *Lectures on Early Greek Philosophy;* Church's *Translation of Apology, Crito and Phædo* (Golden Treasury Series); Davies and Vaughan's *Translation of Republic.* (G. T. S.); Dyde's *Translation of Theætetus;* Aristotle's *Ethics* (The Scott Library, or Peters's Translation); Zeller: *Greek Philosophy;* Burnet: *Early Greek Philosophy;* Bosanquet: *Companion to Plato's Republic*; Nettleship: *Philosophical Lectures and Remains*; Essay in *Hellenica;* Muirhead: *Chapters from Aristotle's Ethics;* Jowett's *Translation of Plato's Dialogues;* Pater: *Plato and Platonism;* Wallace: *Epicureanism;* Hegel: *History of Philosophy.*

Moral Philosophy.

Mondays and Fridays, 3—4 P. M.

For 1903-4. This course of lectures attempts a systematic presentation of the Principles of Moral Philosophy.

Books recommended: Seth: *Ethical Principles;* Muirhead: *Elements of Ethics;* Green: *Prolegomena to Ethics;* Dewey: *Outline of Ethics, Study of Ethics;* Mackenzie: *Manual of Ethics;* Green: *Lectures on Moral Obligation* (edited by Bosanquet); Mill: *Utilitaranism;* Spencer: *Data of Ethics;* Paulsen: *Ethics;* Watson: *Hedonistic Theories;* Wundt: *Ethics;* Mezes: *Ethics.*

Advanced Philosophy.

Tuesdays and Thursdays, 3—4 P. M.

For 1902-3. Either Wundt's *Ethics* and Hegel's *Philosophy of Right* (Dyde's Translation) will studied critically *or* the development of Ethical Theories in Britain from Hobbes will be traced in Selby Bigge's *British Moralists*; Hume's *Enquiry*; Douglas's *Ethics of J. S. Mill*; Spencer's *Principles of Ethics*; Sidgwick's *Methods of Ethics*; Martineau's *Types of Ethical Theory Vol. II*; and Green's *Prolegomena to Ethics.* Students are recommended to consult the histories and criticisms of Stephen, Sidgwick, Watson, Sorley, Seth and Courtney.

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1903-4. The subject of this course is Kant's Philosophy. The *Prolegomena, Critiques of Pure Reason, of Practical Reason,* and *of Judgment,* will be studied.

Translations recommended: Watson's *Selections;* Mahaffy and Bernard: *Prolegomena*; Max Muller: *Critique of Pure Reason;* Abbott: *Theory of Ethics;* Bernard: *Critique of Judgment.*

Commentaries and Expositions recommended: Stirling: *Text-Book to Kant:* Wallace: *Kant*; Fischer; *Kant;* Caird; *Critical Philosophy:* Watson: *Kant and his English Critics;* and *Comte Mill and Spencer* or *An Outline of Philosophy.* Adamson: *Philosophy of Kant*: Mahaffy and Bernard: *Kritik of Pure Reason Defended and Explained;* Green: *Philosophical Works Vol. II;* Paulsen: *Kant.*

XI.—EDUCATION.

The class in the Science of Education conducted by Prof. Walter C. Murray in the Faculty of Science, and the examinations of the Faculty of Science, are recognized as qualifying for a degree. (See Fac. Science.)

XII.—MATHEMATICS.

Professor.....DANIEL A. MURRAY, PH. D.

The *First Mathematics Class* is prescribed for regular first year students in Arts aud Science. The *Second Mathematics Class* is elective for any student who has passed in the work of the First Mathematics Class. Each of the *Advanced Mathematics Classes* is elective for any student who has passed in the work of the Second Mathematics Class.

First Mathematics Class.

Daily, 11 A. M.—12 M.

The work of this class includes:

ALGEBRA:—Indices, Theory of Quadratic Equations, Irrational quantities, Quantities involving $\sqrt{-1}$, Proportion, Variation, Progressions, Notation, Permutations and Combinations, Binomial Theorem, revised. Inequalities. Indeterminate equations. Properties of Logarithms. Interest and Annuities. Horner's method of approximating to the roots of an equation. Elementary discussions on functions, limits and series. Selected propositions in the theory of equations. Graphical representation of functions, and Plotting of loci of equations Elements of Determinants, with applications to elimination and the solution of simultaneous equations.

Indeterminate coefficients, Partial Fractions, Simple exercises in Probability, if there be time for these topics.

GEOMETRY:—Euclid, Book VI revised, and Book XI. Theorems and problems, with drawing exercises, on Harmonic Ranges and Pencils, Poles and Polars, and Transversals. Geometry of the Sphere. Elementary propositions in the geometrical treatment of the parabola and the ellipse.

TRIGONOMETRY:—The solution of plane triangles. Measurement of heights and distances. Elementary angular analysis.

Books recommended: Hall and Knight's *Higher Algebra* (Macmillan & Co.), Hall and Steven's edition of *Euclid* (Macmillan & Co.), Holgate's *Geometry* (Macmillan & Co.), Cockshott and Walter's *Geometrical Treatment of Conics* (Macmillan & Co.), Murray's *Plane Trigonometry and Tables* (Longmans, Green & Co.).

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Second Mathematics Clas

Daily, 10—11 A. M.

An elementary course in ANALYTIC GEOMETRY and DIFFERENTIAL AND INTEGRAL CALCULUS.

This course is intended for those who wish to become familiar with the fundamental principles of analytic geometry and the infinitesimal calculus, and to acquire the ability to apply these principles easily and accurately in the solution of simple practical problems. The course provides mathematical preparation sufficient for beginning the study of engineering, physics, and other mathematical sciences. It is recommended as the minimum mathematical equipment for those intending to teach mathematics in the high schools

SPHERICAL TRIGONOMETRY is prescribed for private reading for those who are trying for Distinction (See § X, 6) in the Second Mathematics Class.

Books recommended: Tanner and Allen's *Analytic Geometry*, McMahon and Snyder's *Differential Calculus*, Murray's *Integral Calculus*, (All published by The American Book Co.); Murray's *Spherical Trigonometry*, (Longmans, Green & Co.)

Advanced Mathematics Classes.

12 M.—1 P. M.

The courses in these classes are intended for those who wish to take mathematical work in the third or the fourth year in the ordinary B. A. course (See § VII.) They are also intended to serve as courses introductory to the study of higher mathematics, for those who may afterwards attend the graduate schools in the larger universities. Candidates for Honours in Pure and Applied Mathematics (§ VIII. (G)) are required to take four of these courses in class.

N. B.—Two of these courses will be given during each year. The same course will not be given in two consecutive years.

(1.) ADVANCED CALCULUS.—Topics in the treatises of Todhunter, Williamson, Harnack, Lamb, and Gibson. (Two hours weekly throughout the year.)

(2.) PLANE AND SOLID ANALYTIC GEOMETRY, *with an introduction to the general theory of higher plane curves*, based on the treatises of Salmon and C. Smith. (Three hours weekly throughout the year.)

(3.) DIFFERENTIAL EQUATIONS.—Murray's *Differential Equations*, with supplementary lectures. (Two hours weekly throughout the year.)

(4.) MODERN ALGEBRA.—Topics in Determinants, Theory of Equations, Quantics, Invariants, with lectures on Series and Functions of a real variable. (Three hours weekly throughout the year.)

(5.) THEORY OF FUNCTIONS.—An elementary course in the theory of functions of a complex variable. (Two hours weekly throughout the year.)

(6.) PROJECTIVE GEOMETRY.—(Two hours weekly throughout the year.)

Private Reading.

Subjects and topics for private reading will be prescribed for students who aim at Distinction (See § X 6.) in the Second and the Advanced Mathematics Classes, and for candidates for Honours in Pure and Applied Mathematics (See § VIII., (G).

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XIII.—PHYSICS.

(George Munro Professorship.)

Professor .... STEPHEN M. DIXON, M. A.

Junior Physics Class.

Mondays, 4—5 P. M., Tuesdays and Thursdays, 11 A. M.—12 M.

In this Class a rapid survey of the whole subject of Experimental Physics is taken, the subjects treated being:—Dynamics; Properties of Solids and Fluids; Sound; Heat; Electricity and Magnetism; and Light and other forms of Radiation. The mode of treatment is inductive and quasi-historical, the generalisations and theoretical conceptions being worked up to experimentally but not systematically developed by deduction. The amount of mathematical knowledge assumed is not greater than can be acquired in the First Year Class in Mathematics.

Members of the Class who aim at passing merely, will be examined in those subjects only which are fully discussed in class. Those who aim at Distinction will be expected to give considerable attention to Dynamics, and to consult the works recommended by the Professor on all subjects that may be referred to in class. Students are expected to hand in problem papers for correction and criticism.

Books recommended: 'Students' Dynamics,' Minchin; 'Hydrostatics,' Magnus: 'Mechanics Treated Experimentally,' Cumming; 'Heat, Light and Sound,' Jones; 'Electricity Treated Experimentally,' Cumming; 'Principles of Physics,' Daniell; 'Natural Philosophy.' Deschanell; 'Physics,' Watson; 'Physics,' Anthony & Bracket; 'Physics,' Nichols; 'Elementary Manual of Heat,' Glazebrook; aud 'Elementary Manual of Light,' Glazebrook.

Senior Physics Class.

Mondays and Wednesdays, 10 to 11 A. M.

The work of this Class extends over two years. It is assumed that students who take it have studied Differential and Integral Calculus in the Second Year Class in Mathematics and have also taken the Junior Physics Class. The more important generalisations and theoretical conceptions. obtained inductively in the Junior Class, are made the starting point; and the treatment is thus largely deductive, deductions being tested by experiment, and important practical applications discussed.

Students who aim at passing merely, will be examined in those portions only of the subjects which are discussed in class. Those who aim at Distinction are expected not only to acquire considerable power of applying principles in the solution of problems, but also to study privately portions of the subject not fully treated in class.

The subjects to be treated during the next two years are as follows:

1902-03. Sound and Light. Students aiming at distinction will pay particular attention to the Wave Theory of Light.

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1903-04. Properties of Matter, Heat, Electricity and Magnetism. The Kinetic Theory of Gases will form a Special Course for Students aiming at Distinction.

Books recommended: Sound: 'Sound,' Poynting and Thomson; 'Treatise on Sound' Lord Rayleigh. *Light:* 'Theory of Light,' Preston; 'Physical Optics,' Glazebrook; 'Light,' Tait. *Properties of Matter:* 'Kinetic Theory of Gases,' Meyer and Baynes. *Heat:* 'Theory of Heat,' Maxwell; Theory of Heat,' Preston. 'Heat,' Tait: 'Heat,' Wright: Sketch of Thermodynamics,' Buckingham. 'Steam Engine,' Holmes: 'Steam Engine and other Heat Engines,' Ewing. *Electricity and Magnetism:* 'Lessons on Electricity and Magnetism,' Thompson: 'Elements of Electricity and Magnetism,' Thomson: 'Electricity and Magnetism,' Maxwell: Absolute Measurements in Electricity and Magnetism,' Gray: 'Dynamo-electric Machinery,' Thompson.

Mathematical Physics Class.

Mondays and Wednesdays, 11 A. M.—12 M.

It is assumed that students in this class have a knowledge of Analytical Geometry and Differential and Integral Calculus.

Books recommended: 'Kinematics and Dynamics,' MacGregor: 'Dynamics,' Williamson and Tarleton: 'Analytical Statics,' Todhunter: 'Rigid Dynamics,' Routh: 'Statics,' Minchin: 'Hydrostatics,' Greenhill: Hydromechanics,' Besant.

Advanced Experimental Physics Class.

At least once a week.

The subjects studied are *(a)* physical experimental methods, and the elimination of errors, this section of the class work being conducted mainly by private reading, under the Professor's supervision, of original papers by Faraday, Joule, and Kelvin; *(b)* the treatment of observations, including graphical methods and the method of least squares, and the influence of errors of observation on results; *(c)* the relation of theory to experimental research illustrated by sketches of one or more of the following:—the kinetic theory of gases, the theory of solutions and of electrolysis, the wave theory of light.

Books of reference: Faraday's Experimental Researches in Electricity. Vol. I. (Quaritch); Joule's Scientific Papers, Vol. I. (Taylor & Francis); Lord Kelvin's Mathematical and Physical Papers, Vol II. (Camb. Univ. Press); Merriman's Text-Book of Least Squares (John Wiley & Sons); Johnson's Theory of Errors and Method of Least Squares (J. Wiley & Sons); Holman's Precision of Measurements (J. Wiley & Sons; Meyer's Kinetic Theory of Gases, tr. Baynes (Longmans & Co.); Whetham's Solution and Electrolysis (Camb. Univ. Press); Lehfeldt's Text-Book of Physical Chemistry (Arnold); Preston's Theory of Light.

Junior Practical Physics Class.

(At least five hours a week.)

The work of the class will consist of the experimental investigation of simple physical laws, constants such as density, specific heat, etc, being determined incidentally. Students are required to prepare reports on the investigations made, describing in outline the methods used, and discussing in detail the results obtained and their degree of precision.

Members of the class who wish to become Science teachers will be allowed to devote part of their time to the devising and executing of illustrative experiments of a qualitative and quantitative kind with the

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simple apparatus and materials usually available in schools. Those who do so will be required to prepare illustrated lessons and give them before an audience.

Students will he examined in the subjects of Chaps. I.-VII. of Glazebrook & Shaw's Practical Physics and in other discussions, recommended by the Professor, of any experimental methods which they may have used. Their standing in the Pass and Distinction Lists will depend upon the number and quality of the papers prepared and lessons given, and on the results of the examination.

Books of reference: Glazebrook and Shaw's Practical Physics (Longmans) Kohlrausch's Physical Measurements (Churchill); Holman's Computation Rules and Logarithms.

Senior Practical Physics Class.

(*At least five hours a week.*)

The work of this class will consist of the investigation of physical laws of a more complex kind than in the Junior class, and a greater degree of precision will be expected in the determinations made. Students who show sufficient ability will be allowed to conduct new investigations, provided they do not use for that purpose a large portion of the prescribed time.

Members of the class are required to prepare reports on the investigations conducted, of the same kind as in the Junior class, to attend the lecturcs of the Advanced Experimental Physics Class on physical measurement generally, as described, *e. g.*, in Glazebrook & Shaw's Practical Physics, and to study discussions of the methods they may use in the works recommended by the Professor.

Class standing is determined as in the Junior class.

Books of reference: Those specified above, together with Stewart & Gee's Elementary Practical Physics (Macmillan); Ayrton's Practical Electricity (Cassell); Nichols' Laboratory Manual of Physics and Applied Electricity (Macmillan); Ostwald's Physico-chemical Measurements (Macmillan); Wiedemann's, Physikalisches Prakticum; and Threlfall's Laboratory Arts (Macmillan).

Advanced Practical Physics Class.

(*At least ten hours a week.*)

The work will consist of new investigations conducted by students who have shewn sufficient ability either in the Senior class or elsewhere.

Members of the class will be required to acquaint themselves with the literature of the subject in which their investigations lie, to prepare critical reports on those portions of it with which their work is more immediately concerned, and to prepare full reports on the methods and results of their own observations.

Reports which are of sufficient value will be communicated to the N. S. Institute of Science. If, though, the subject may have been suggested by the Professor, the investigation has been concluded practically independently by the student, the report will be communicated in his name. If the student has been assisted by the Professor to such an extent that the investigation has not been conducted practically independently by himself, the report will be communicated as by the Professor and the student jointly.

Only a very limited number of students can be admitted to this class.

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XIV.—CHEMISTRY.

(McLeod Professorship.)

Professor.....E. MACKAY, PH. D.

Junior Chemistry Class.

Mondays, Wednesdays and Fridays, 9—10 A. M.

The lectures in this class deal in an elementary way with the principles of general chemistry. At first the preparation and the characteristic properties of common acids and bases are studied, and then the chemistry of fire, of water and of air, the order of historical development being followed as nearly as possible. When some acquaintance with chemical facts has thus been gained, the fundamental laws of combination are taken up and the atomic theory and chemical formulæ are introduced. Chlorine, nitrogen, carbon and some of their typical compounds are then studied, and thereafter the principal remaining elements, each in connection with the group of elements in the periodic system to which it belongs. Examinations, oral or written, are held fortnightly, and occasional written exercises are required.

Students aiming at Distinction are required to devote at least three hours a week to laboratory work. The laboratory work is designed to make the student familiar with ordinary laboratory operations and to lead him to solve simple problems in chemistry by experiment. Several common inorganic substances are prepared and studied; simple quantitative experiments are performed; and some time is devoted to elementary work in qualitative analysis.

Book recommended: Remsen's *Introduction to the Study of Chemistry*, (Macmillan & Co.), for both class and laboratory work.

Senior Chemistry Class.

(Tuesdays and Thursdays, 9—10 A. M.)

The lectures in this class are for the first few weeks devoted to a fuller treatment of chemical theory and the chemistry of the metals than is given in the Junior Class. The remainder of the year is devoted to organic chemistry.

Students aiming at Distinction are required to devote at least three hours a week to laboratory work. This will include a fuller course in qualitative analysis than is given in the Junior Class, and, in addition, the preparation of pure laboratory reagents and of typical inorganic and organic substances.

Books recommended: For class use, Roscoe and Harden's *Inorganic Chemistry for Advanced Students* (Macmillan & Co.); Remsen's *Compounds of Carbon* (Macmillan & Co.). For reference, Remsen's *Inorganic Chemistry, Advanced Course* (H. Holt & Co.).

Advanced Chemistry Class.

(One hour a week.)

The subjects of study in this class are (*a*) History of chemical theory; (*b*) Special topics in inorganic and organic chemistry in connection with the reading prescribed for the Special Course in Chemistry and Chemical Physics.

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Practical Inorganic Chemistry Class.

The work of this class consists of quantitative analysis and the preparation of inorganic substances.

One hour a week is taken for the discussion of analytical methods, and at least ten hours a week must be devoted to laboratory work. The preparations and analyses prescribed are designed to illustrate typical methods. The quantitative exercises carried out are the following: preparation of standard solutions of acids and alkalies, estimation of chlorine, sulphur, phosphorus, silicon, silver, copper, iron, manganese, calcium and magnesium, volumetric as well as gravimetric methods being employed wherever applicable.

Candidates for Distinction are required to undertake additional work selected from the following: estimation of iodine, nitrogen in nitrates, carbon in carbonates, potassium, chromium, aluminium, zinc, and lead, analysis of iron and steel, analysis of ores, water analysis.

Books recommended: Renouf's *Inorganic Preparations*, (Johns Hopkins Press); Clowes and Coleman's *Quantitative Analysis*, (J. & A Churchill); Blair's *Chemical Analysis of Iron*, (J. B. Lipincott & Co); Mason's *Examination of Water*, (Wiley & Son).

Practical Organic Chemistry Class.

The work of this class consists of the preparation and analysis of organic compounds. At least ten hours a week must be devoted to laboratory work. A sufficient number of organic compounds are prepared to illustrate the most important reactions and methods of working. Quantitative determinations are carried out of carbon, hydrogen, oxygen and nitrogen.

Students are permitted to substitute for the analytical work an equivalent amount of work in other branches of analysis or in physiological chemistry.

Candidates for Distinction are required either to do additional work of the kind outlined above or to carry out a short original investigation.

Books recommended: Remsen's *Compounds of Carbon* (Macmillan & Co); Cohen's *Practical Organic Chemistry for Advanced Students*, (Macmillan & Co) Clowes and Coleman's *Quantitative Analysis*. (J. & A. Churchill).

Advanced Practical Chemistry Class.

The work of the class will consist either *(a)* of original investigation conducted by students who have shown themselves qualified to undertake it, or *(b)* of work in analytical or synthetical chemistry in continuation of the work of either the Practical Inorganic or the Practical Organic Class.

CHEMICAL LABORATORY.

The general laboratory accommodates about eighty students, the quantitative laboratory about sixteen. A reference library is placed in the laboratory for students doing advanced work.

Laboratory students are allowed the use of all the more inexpensive reagents. They are required to provide themselves with the more expensive reagents, as alcohol and ether, and they are charged with the value of apparatus they have broken or injured.

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All members of practical classes are required to keep a detailed record of their laboratory work. The character of this record is a factor in determining the standing of a student in the class lists.

The general laboratory is open to students in Arts on Mondays and Wednesdays from 3 to 6 p. m. The quantitative laboratory is open daily except Saturdays from 9 a. m. to 5 p. m.

XV.—GEOLOGY.

The class in Geology, conducted by Mr. H. S. Poole, M. A., of the Faculty of Science, and the examinations conducted by the Faculty of Science in this subject, are recognized as qualifying for a degree. See Faculty of Science.

XVI.—BOTANY.

The class in Botany, conducted by the Faculty of Science, and the examination conducted by the Faculty of Science in this subject, are recognized as qualifying for a degree. See Faculty of Science.

XVII.—ZOOLOGY.

The class in Zoology conducted by A. Halliday, M. D., of the Faculty of Science, and the examinations conducted by the Faculty of Science, are recognized as qualifying for a degree. See Faculty of Science.

XVIII.—HISTOLOGY.

The University provides no introduction in this subject; but the class conducted in the Halifax Medical College by Professor G. M. Campbell, and H. D. Weaver, M. D., is recognized as qualifying for a degree. The class meets on Mondays, Wednesdays, and Fridays, at 10—11 a. m. The fee for the course is $15.00.

§ **II.—The Academic Year.**—The Academic year consists of one Session, The Session of 1902 will begin on Thursday, 11th September, 1902, and end on Tuesday, 28th April, 1903.

§ **III.—Admission of Students.**—(1). Persons of either sex may become students of the College by (*a*) furnishing satisfactory references or certificates of good moral character (on first entering the College); (*b*) entering their names in the Register (annually), and (*c*) paying the annual Registration fee, (§) xxiii).

(2.) Registered students may, on presentation of their Registration Tickets, and on payment of the proper fees, (§xxiii.), enter any of the ordinary classes of the College. The Advanced Classes are restricted to students who have sufficient knowledge of the subjects taught in them.

(3.) Students who are candidates for degrees are known as Undergraduates. Candidates for the higher degrees in attendance on classes are known as Graduate Students. All others are known as General Students.

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§ IV.—Degree of Bachelor of Arts.—(1.) Candidates for this degree must attend with regularity the classes of their courses of study as prescribed in § vii, perform the exercises required and appear at the examinations held in connection with such classes, and secure a position on the Pass Lists in all subjects. The course of study extends over at least four years, but, in the case of students who enter at advanced stages, may be completed in a shorter time.

(2.) Persons may become candidates for degrees by passing the Junior or Senior Matriculation Examination, (§§ v, vi). Those who pass the Senior Matriculation examination are exempted from attending the classes recommended in § vii to be taken in the first year of attendance, and may complete their courses in three years. In general, the Matriculation examination is to be passed by a student before he enters upon a course of study leading to a degree. For subjects of examinations, examinations recognized as equivalent, &c., see §§ v, vi.

(3.) General students who have attended some of the classes in either of the Courses of Study and passed in the subjects of them, may become candidates for a Degree by passing one of the Matriculation examinations, in which cases the classes previously attended will be recognized as qualifying for a Degree. But in those subjects of the Matriculation examination in which they have previously attended classes, such students will be expected to show a higher proficiency than if they had passed the examination at the beginning of their course.

(4.) Undergraduates of other Universities may, on producing satisfactory certificates, be admitted *ad eundem statum* in this College, if they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the courses on which they enter in this College, they may be required by the Faculty to take additional classes.

§ V.—Junior Matriculation Examination.—(1.) The following are the subjects of this examination :

1—2. Two of the following languages must be selected : Latin, Greek, French, German. Candidates for B. A. must pass in Latin. If they are to take Greek as one of the subjects of the First Year, they must also pass in Greek.

LATIN.—Translation : (*a*) Passages for translation from prescribed books with questions arising out of those books. (For 1902) Cæsar, *Gallic War*, Book I, and Vergil, *Æneid*, Book II. (For 1903) Cæsar, *Gallic War*, Book I, and Vergil, Æneid, Book III. (*b*) Short and easy passages for translation at sight from books not prescribed. *Composition* : Such a knowledge as may be gained from Collar and

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Daniell's First Latin Book, and the first eighteen exercises of Bradley's Arnold's Latin Prose Composition. *Grammar*: As in Bennett's Latin Grammar, or Allen and Greenough's.

NOTE.—The Roman pronounciation of Latin as given in all the modern grammars, is the one used in the class-room It is strongly recommended that special attention be given to the reading of the Latin aloud with correct accent, with fluency, and with proper expression. This recommendation applies also in the case of Greek, the words being accented according to the written Greek accent, and the diphthongs pronounced as follows:

αι as in *ai*sle,	αυ as *ou* in *our*,
ει as in h*ei*ght,	ευ as in f*eu*d,
οι as in *oi*l,	ου as in gr*ou*p,
υι as in q*ui*t,	ηυ as *eh-oo* rapidly pronounced.

GREEK.—Translation: (*a*) Passages for translation from prescribed books with questions arising out of those books. (For 1902), Xenophon, *Anabasis*, Book IV. (For 1903), Xenophon, *Anabasis*, Book I. (*b*) Short and easy passages for translation at sight from books not prescribed. *Composition*: Such a knowledge as may be gained from White's First Greek Book, and the first fifteen exercises of Fletcher and Nicholson's Greek Prose Composition. *Grammar*: As in Elementary Grammars.

FRENCH.—Voltaire: *Charles XII*, Books I, II, III. Grammar questions limited to the Accidence, and based on the passages selected for translation.

GERMAN.—Buchheim, *German Reader*, Part I, (Clarendon Press), or Hauff, *Das Wirthshaus im Spessart* (MacMillan & Co), omitting the five tales interwoven in the original story. Grammar questions limited to the Accidence, and based on the passages selected for translation.

3.—ENGLISH.—*Language*: Grammar, Analysis, Parsing. *Composition:* An essay on one of several set subjects to be drawn from: —Macaulay, *Warren Hastings;* Shakspere, *Merchant of Venice;* Longfellow, *Evangeline;* Scott, *The Lady of the Lake.*

Questions on a passage not specified.

NOTE —The essential part of this examination is the essay. Legible writing, correct spelling and punctuation, will be considered indispensable. Skill shown in sentence and paragraph construction will be awarded high marks. Not more than *one* of the works named need be read It should be read primarily for the story, and need not be studied minutely, as a choice is allowed among at least four themes drawn from the works named.

4 —ARITHMETIC AND ALGEBRA.—*Arithmetic. Algebra:* As in Hall and Knight's *Algebra for Beginners*, or Todhunter and Loney's *Algebra for Beginners*, or Wentworth's *Algebra.*

5.—GEOMETRY.—Euclid, Books, I, II, III, IV, Definitions of Book V., Book VI., first 19 propositions, or their equivalents.

6.—HISTORY AND GEOGRAPHY.—Outlines of English and Canadian History, and General Geography.

Candidates who pass in three or more subjects, but fail to pass the examination as a whole, will be exempted from such

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subjects, should they appear as candidates on any subsequent occasion.

Candidates reaching a certain standard will be declared to have Passed with Distinction, and will be eligible for the Sir William Young and Professors' Scholarships, and the Mackenzie Bursary. (§ xv.)

(2.) Candidates who hold the following Diplomas, Licenses or Certificates, shall be exempted from the above examination in subjects which were included in the examinations by which such Diplomas, Licenses or Certificates were obtained, and in which a sufficiently high standard was reached :—

a) Teachers' Licenses of Grades A or B of Nova Scotia.

b) High School Leaving Certificates of Grades XII (A.) or XI (B.) of Nova Scotia.

c) Honour Diplomas, or First or Second Class Ordinary Diplomas, as issued by the Prince of Wales College, P. E. I.

d) First Class Teachers' Licenses of Prince Edward Island.

e) Superior Licenses (except in the subject of Latin), or First Class, or Grammar School Licenses, of New Brunswick.

Candidates who hold Teachers' Licenses or Leaving Examination Certificates issued by the Education Office of other Provinces, may be exempted from the whole or from parts of the above examination on application to the faculty.

Persons who, as candidates for the above licenses or certificates, succeeded in reaching a sufficiently high standard in the majority of the subjects of the above examination, shall be exempted from examination in such subjects.

(3.) Persons may be admitted as Undergraduates of the First Year, without examination, on presentation of certificates from the Principals of High Schools or Academies, approved for this purpose by the Faculty, stating that they have satisfactorily completed the work prescribed for the Junior Matriculation Examination and passed satisfactory examinations therein.

(4.) This examination will be held at the College on September 10th—13th, 1902.

§ VI.—Senior Matriculation Examination.

—(1.) The following are the subjects of this examination :

1—2. Two of the following :—Latin, Greek, French, German.

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Candidates for B. A. must pass in Latin. If they intend to take Greek as one of the subjects of the Second Year they must also pass in Greek; if not, they may select Greek, or French, or German.

LATIN.—(For 1902).—Cicero, *Orations against Catiline, De Senectute, De Amicitia:* Vergil, *Æneid*, Book VI.

(For 1903).—Cicero, *De Senectute, De Amicitia;* Horace, *Epistles*, Books I and II; Tacitus, *Annals*, Book I.

GREEK.—(For 1902).—Xenophon, *Hellenica*, Books I and II; Euripides, *Medea.*

(For 1903)—Lucian, *Vera Historia;* Demosthenes, *De Corona*, (omitting the documents)

The papers in Latin and Greek will contain passages for translation from the books prescribed, together with grammatical and other questions arising out of those books, and short and easy passages for translation from books not prescribed. General questions in Latin and Greek Grammar will also be set, and some English sentences to be turned into Latin and Greek.

FRENCH.—Macmillan's Progressive French Reader, II Year; Molière; *Le Bourgeois Gentilhomme;* Scribe: *Valérie;* Grammar (Brachet, Public School Grammar); Composition.

GERMAN.—Hauff: *Wirthshaus im Spessart*, excluding the five tales interwoven in the story MacMillan & Co.); Buchheim: German Reader, Part II; Schiller: *Wilhelm Tell:* Grammar (Joynes-Meissner); Composition.

3 ENGLISH.—*Language:* Grammar, Analysis, Parsing. *Composition:* An essay on one of several set subjects; to be drawn from:—Macaulay: *Warren Hastings;* Shakspere: *Merchant of Venice;* Longfellow: *Evangeline;* Scott: *The Lady of the Lake.* (See § v, 3. Note).

Literature.—Eighteenth Century: Prose. Addison: *Papers contributed to the Spectator.* Johnson: *Life of Pope.* (Macaulay: *Samuel Johnson*). Dryden: *MacFlecknoe, St. Cecilia's Day, Alexander's Feast.* Pope: *Rape of the Lock.* Gray: *Elegy in a Country Churchyard.* Goldsmith: *Traveller, Deserted Village.* Burns: *Two Dogs, Cotter's Saturday Night.*

History and Geography.—Outlines of English and Canadian History and General Geography.

Instead of the works prescribed here in Latin, Greek, French, German and English, candidates for matriculation (but *not* for scholarships) may offer equivalents; provided they have been previously approved by the President.

4. MATHEMATICS.—*Arithmetic, Algebra, Geometry*, and *Trigonometry*, as specified for the Junior Matriculation Examination and in the work of the First Mathematics Class. (See § I, page 30, § V.)

Algebra:—Indices, Theory of Quadratic Equations, Irrational Quantities, Quantities involving $\sqrt{-1}$, Proportion, Variation, Progressions, Notation, Permutations and Combinations, Binomial Theorem, Inequalities, Indeterminate Equations, Properties of Logarithms, Interest and Annuities. Horner's method of approximating to the roots of an equation. Elementary theorems concerning equations, functions, limits, and series. Graphical representation of functions, and plotting of loci of equations. Elements of Determinants, with applications to elimination and the solution of simultaneous equations, Partial Fractions. Probability.

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Geometry:—Euclid, Books VI, XI. Propositions on Harmonic Ranges, and Pencils, Poles and Polars, and Transversals. Geometry of the Sphere. Elementary propositions in the geometrical treatment of the parabola and the ellipse.

Trignometry:—The solution of plane triangles. Measurement of heights and distances. Elementary angular anlysis.

N. B.—The above subjects are prescribed for Candidates for Senior Scholarships. Should such Candidates desire to have subject 5 reckoned for scholarship purposes, they must notify the President to that effect in their application for matriculation. The award will be made according to average of marks.

5. CHEMISTRY, or BOTANY.—*Chemistry*.—The elements of General Chemistry. Remsen's *Introduction to the Study of Chemistry* (MacMillan & Co.) may be taken to indicate in a general way the extent of knowledge required. Special importance will be attached to an acquaintance with the experimental evidence upon which the more important facts and the fundamental laws of the science are based.

Botany.—The elements of General Botany. Bessey's *Essentials of Botany* and Spotton's *High School Botany* may be taken to indicate in a general way the extent of knowledge required and the method to be pursued The examination will be designed to test the extent to which the candidate's knowledge of the subject is founded upon practical study.

Candidates may take either Chemistry, or Botany as the fifth subject of this Examination All candidates for degrees who do not pass in the Chemistry of this examination, are required to take the class in Junior Chemistry as one of the subjects of their course. Should any candidate pass in the Botany of this examination, he shall not be permitted to offer Botany as one of the electives of his course.

(2.) Candidates who have previously passed in one or more of the above subjects, either at the Senior Matriculation Examination or at the Junior Matriculation and First Year Examinations, shall be exempt from further examination therein.

(3.) Candidates who hold the following Licenses, Diplomas or Certificates shall be exempted from the above Examination in subjects, except Chemistry, which were included in the Examinations by which such Licenses, Diplomas or Certificates were obtained, and in which a sufficiently high standard was reached:

a) Teachers' Licenses of Grade A of Nova Scotia.

b) High School Certificate of Grade XII (A) of Nova Scotia.

c) Honour Diplomas, or First-Class Diplomas on the Third Year work, as issued by the Prince of Wales College, P. E. I.

d) Grammar School Licenses of New Brunswick.

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Candidates who hold the following Licenses or Certificates shall be exempted from such parts of the Junior Matriculation Examination as are common to it and the examinations by which such Licenses and Certificates were obtained, provided that in the latter the candidates reached a sufficiently high standard :

a) Teachers' Licenses of Grade B of Nova Scotia.
b) High School Certificates of Grade XI of N. S.
c) First Class Teachers' Licenses of P. E. I.
d) Second Class Honour Diploma of Prince of Wales College.
e) Superior or First Class Licenses of New Brunswick.

Candidates who hold Teachers' Licenses or Leaving Examination Certificates, issued by the Education Offices of other Provinces, may be exempted from the whole or from parts of the above examination, on application to the Faculty.

Persons who, as candidates for the above Licenses and Certificates, attained a sufficiently high standard in the more important of the subjects of the above examination, shall be exempted from examination in such subjects.

(4.) Candidates must give at least one fortnight's notice to the President, of their intention to appear at this examination ; and, in giving such notice, they must state in what Latin, Greek, French, German, and English books they intend to offer themselves for examination, and in what subjects they claim exemption from examination.

(5.) This examination will be held at the College, on September 10th—15th, 1902.

§ VII.- Ordinary Courses of Study for Degree of B. A.—(1.) The B. A. course consists of the following classes :—

a) Three in either Latin or Greek.

b) Two in English.

c) Two in one of the following :—The classical language not selected to be studied for three years, German, French.

d) One in each of the following :—History, Philosophy, Mathematics, Physics, Chemistry.

e) Eight single classes (or an equivalent), to be selected, subject to the approval of the Faculty, from the lists given below [§ vii (9), p. 44], a single class being one in which two or three lectures per week are given, a double class one in which the number is four or five, and one double class being regarded as equivalent to two single classes.

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(2.) The classes not specified above, which are selected by students as part of their course, must be submitted to the President for approval at a date not later than Oct. 1, 1902.

(3.) Undergraduates in taking French or German for the first time, enter the classes for which the Professor considers them fitted. In other subjects, they enter the First or Junior classes.

(4.) The First class in Latin, Greek, French and German is not recognized as a part of the course for a degree unless the Second class is subsequently taken.

(5.) No class in which the subjects studied are the same from year to year, can be taken twice as part of a course.

(6.) A sufficient number of the more purely literary, philosophical, or scientific subjects of theological, legal, and medical courses respectively, are included among the elective subjects, to enable the student during his course to complete part of one or other of these professional courses. Students taking Constitutional History, Constitutional Law and Contracts, and passing therein, are allowed to complete their Law Course in this College subsequently, in two years (§ xi (4)—Students who have registered as undergraduates in Medicine, may complete one *annus medicus* during their Arts Course by taking Junior Chemistry, Junior Physics, Botany and Zoology as part of their Arts course, and by taking Junior Anatomy as an additional subject. They are recommended to attend the class in Histology, to avoid conflict of hours in the time-table. (See Faculty of Medicine).

(7.) The classes in the above courses may be taken in any order subject to the provisions:—(1) that in any one subject, classes are to be taken in the order of their advancement; (2) that First Mathematics is to be taken before Junior Physics; and (3) that Junior Physics is to be taken before Practical Physics.

(8.) In the following statement, the classes are arranged in years, to show the order in which it will generally be found most convenient to take them. The time-table of lectures and the dates of examinations are based upon this arrangement.

The details of the subjects studied in these classes will be found under Courses of Instruction. (§ i).

First Year.

1. Latin or Greek.

2. The classical language not selected as subject 1; or French, or German.

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3. First English.

4. First Mathematics.

5. Junior Chemistry.

N. B.—Undergraduates who intend in their Third Year to enter the Special Course in Mathematics and Physics, or Chemistry and Chemical Physics, (§ viii, 12 & 13), are recommended to take German as subject 2, and to give special attention to Mathematics and Chemistry.

Undergraduates who intend to enter other special courses, are recommended to take German as an additional class.

Second Year.

1. The language selected as subject 1 in the First Year.

2. The language selected as subject 2 in the First Year.

3. Second English.

4—5. Any two of the following :—Mathematics, Chemistry, Junior Physics, Junior Philosophy.

If the classes in Physics and Philosophy are not taken in this year, they must be taken in a subsequent year.

Third and Fourth Years

1. Latin or Greek or N. T. Greek. The language selected must have been taken during the First and Second Years.

2. Junior History.

3—10. Eight classes from the following subjects :—

Latin,	Contracts,
Greek,	Political Economy,
N. T. Greek,	Philosophy,
Hebrew,	Science of Education,
French,	Mathematics,
German,	Physics,
Biblical Literature,	Chemistry,
English,	Geology,
History,	Botany,
Constitutional History,	Zoology,
Constitutional Law.	Histology,

N. B.—Any advanced Class may, in these years, be taken as an ordinary class, if approved by the Faculty.

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§ VIII. — Special Courses for Degrees.— (1.) An undergraduate shall be allowed, after completing the work recommended in § vii for the first two years of his course, to restrict his attention to a more limited range of subjects than that of the ordinary course, by entering upon one of the Special Courses, provided he has either attained both a First Class standing at the previous Examination in the subject corresponding to that of the Special Course selected, and a satisfactory standing in the other subjects, or has received the special permission of the Faculty.

(2.) Special Courses are provided in the following departments, viz., (A) Classics, (B) Latin and English, (C) Greek and English, (D) English and German, (E) English and English History, (F) Philosophy, (G) Pure and Applied Mathematics, (H) Mathematics and Physics, (I) Chemistry and Chemical Physics.

(3) An undergraduate taking a special course in any of the above departments shall be required to attend the Advanced Classes provided in the subjects of such departments (§ 1), to make progress satisfactory to the Professors who conduct such classes, and to pass the examinations in the subjects of such department. He shall be allowed to omit, from the subjects of the ordinary course, certain subjects specified below, and may select as his ordinary classes in any year, any of the classes of that year, subject to the following regulations and to the approval of the Faculty.

(4.) The examinations in the subjects of Special Courses shall be held at the end of the Fourth Year.

(5.) Undergraduates taking the Special Course in **Classics** (A) may, in each of the Third and Fourth Years, omit any two of the subjects of those years, except Latin and Greek.

They shall be examined in the following subjects :

LATIN.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those prescribed in the ordinary course :—

Plautus : *Miles Gloriosus.*
Terence : *Adelphi.*
Vergil : *Georgics*, Books I, IV.
Horace : *Epistles*, Books I, II ; *Ars Poetica.*
Juvenal : *Satires*, Books VII, VIII, XIV.
Cicero : *De Oratore*, Books I, II, III.
Livy : Book XXI, XXII.
Tacitus : *Agricola : Annals*, Book II.

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II, Candidates will be required to show a general knowledge of one prose and one verse subject, to be chosen by them from the following list:—

Plautus: *Menaechmi*, and *Aulularia*.
Terence: *Andria*, and *Heautontimorumenos*.
Cicero: Select Letters, (Muirhead's edit., Longmans, London).
Tacitus: *History*, Books III, IV, V.

III. COMPOSITION.—Prose.

IV. LITERATURE. — Cruttwell's History of Roman Literature, selected chapters.

V. PHILOLOGY.—Victor Henry's Comparative Grammar of Greek and Latin.

GREEK.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those of the ordinary course:—

Aeschylus: *Eumenides*.
Sophocles: *Oedipus Rex*.
Aristophanes: *The Knights*.
Homer: *Odyssey*, Books V, VI, VII, VIII.
Thucydides: Book II.
Plato: *Phaedo*
Demosthenes: *De Corona*.
Aristotle: *Poetics*.

II. Candidates will be required to show a general knowledge of one prose and one verse subject, to be chosen by them from the following list:—

Aeschylus: *Agamemnon*, and *Choephori*.
Sophocles: *Oedipus Coloneus*, and *Antigone*.
Thucydides: First and Third Books.
Aeschines: *Contra Ctesiphontem*, and
Demosthenes: *De Falsa Legatione*.

III. COMPOSITION.—Prose.

IV. PHILOLOGY.—Victor Henry's Comparative Grammar of Greek and Latin.

V. LITERATURE.—Mahaffy's History of Greek. Literature, the portions bearing on the authors and subjects read by the candidate during his college course. Haigh's Theatre of the Greeks

(6.) Undergraduates taking the Special course in **Latin and English** (B) may, in each of the Third and Fourth Years of their course, omit any two of the subjects of those years except Latin and English. They shall be examined in the following subjects, viz.:—

LATIN.

The Latin subjects prescribed for the Special Course in Classics.

ENGLISH.

The historical development of the language and literature to the year 1300. Bright, *Anglo-Saxon Reader*. Sievers, *O. E. Grammar* (trans. by Cook), Pt. II. Morris, *Specimens of Early English*, I. Emerson, *History of the English Langnage*. Sight reading of O. E.

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History of the Elizabethan and Early Stuart Literature. Sidney. *Apologie for Poetrie.* Hooker, *Ecclesiastical Polity*, Book 1. Bacon, *Advancement of Learning, Essays.*

Marlowe, *Tamburlaine, Edward II., The Jew of Malta.* Greene, *Friar Bacon and Friar Bungay.* Jonson, *The Alchemist, Every Man in His Humor.* Beaumont and Fletcher, *Philaster, The Knight of the Burning Pestle.* Massinger, *A New Way to Pay Old Debts* Webster, *The Duchess of Malfi.* Shakspere, *Titus Adronicus, Romeo and Juliet, Julius Cæsar, Hamlet, Othello, Lear, Macbeth, Antony and Cleopatra, Coriolanus, Timon, The Two Noble Kinsmen.*

Books recommended: Sidney, Cook's edition (Ginn & Co.); Hooker, Church (Clarendon Press); Bacon. Advancement, Wright (Clar. Press); Essays (Wright, G. T. Series). History of Literature; Ten Brink, Saintsbury, Brooke. Clarendon Press. "Mermaid," "Temple Dramatists," and Arber editions of Elizabethan works.

In awarding Honours, the thesis for Distinction in Fourth (D) English will hereafter be taken into consideration.

(7.) Undergraduates taking the Special Course in **Greek and English** (C) may, in each of the Third and Fourth Years of their course, omit any two of the subjects of those years, except Greek and English. They shall be examined in the following subjects, viz.:—

GREEK.

The Greek subjects prescribed for the Special Course in Classics.

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

(8.) Undergraduates taking Special Course in **English and German** (D) must have taken German in the First and Second Years of their course, and may in each of the Third and Fourth Years omit any two subjects of those years except English and German. They shall be examined in the following subjects:—

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

GERMAN.

Middle High German: Grammar (Wright's Middle High German Primer); Selections from Hartmann von Aue, Walther von der Vogelweide, Nibelungenlied, Gudrun, Wolfram von Eschenbach, Freidank or Gottfried von Strassburg, Sebastian Brant, (Wackernagels Kleineres Altdeutsches Lesebuch.

Selections from Swiss and Plattdeutsch dialect literature.

German Literature of the 16th, 17th and 18th centuries, with selections from authors of that period.

Two of the chief literary works of Goethe not read in the ordinary course

Translations of unspecified passages from any Modern High German author.

Prose Composition.

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(9.) Undergraduates taking the Special Course in **English and English History** (E) may, in each of the Third and Fourth Years of their course omit any two of the subjects of those years, except English and History. They shall be examined in the following subjects, viz. :—

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

ENGLISH HISTORY.

English History from A D. 1603-1689.

Books recommended : Green's History of the English People. Vol. 3; Lingard's History of England. Vols 8-10; Hallam's Constitutional History of England; Ranke's History of England; S. R. Gardiner's works on this period; Clarendon's History of the Great Rebellion; Masson's Life of Milton; Carlyle's Life of Cromwell; Foster's Life of Eliot; Bayne's Chief Actors in the Puritan Revolution.

(10.) Undergraduates taking the Special Course in **Philosophy** (F) may, in each of the Third and Fourth Years of their course omit any one of the subjects of those years, except Senior Philosophy, Modern Philosophy, Moral Philosophy, and Greek Philosophy. They are recommended to take German. They shall be examined in the following subjects :—

I. General History of Philosophy.
Ferrier : Greek Philosophy.
K. Fischer : Descartes and his School.

II. Greek Philosophy from the Sophists to Aristotle.
Plato : Republic (with Nettleship's Lectures).
Theaetetus (with Dyde's Introduction).
Aristotle : Metaphysics, Book I., and Ethics (with Muirhead's Introduction).

III. Modern Philosophy from Locke to Kant.
Fraser : Prolegomena to Locke.
Green : Introduction to Hume.
Seth : Scottish Philosophy.
Royce : Modern Philosophy, Part I.

A knowledge of Locke, Berkeley, Hume and Reid, as studied in the Class on Modern Philosophy is presupposed.

IV. Kant : The Critiques of Pure Reason, of Practical Reason, and of Judgement (as in Watson's selections).
Hegel : Logic, Chaps. I-VI. (Wallace's Translation).
Seth : Hegelianism and Personality.

V. Any *three* of the following :

1. Principles of Logic. Bosanquet : Logic.
2. Principles of Psychology. Ward : Psychology.
3. Principles of Ethics. Green : Prolegomena to Ethics; Wundt : Ethics.
4. Principles of Metaphysics. Ward : Naturalism and Agnosticism
5. Philosophy of Religion. Caird, E. ; Evolution of Religion; Lotze : Philosophy of Religion.

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VI. Any *one* of the following :

1. History of Philosophy from Descartes to Leibnitz. Descartes : Method, Meditation and Principles ; Spinoza : Ethics ; Caird : Cartesianism ; Pollock : Spinoza ; Leibnitz. Monadology (with Latta's Introduction).
2. History of Philosophy from Kant to Hegel. Hegel : Logic (Wallace's Translation), and Philosophy of Right (Dyde's Translation) ; Everett : Fichte's Science of Knowledge. Seth : Hegelianism and Personality, and from Kant to Hegel. McTaggart ; Studies in Hegelian Dialectic.
3. History of Philosophy from Hume to Spencer. Comte : Positive Philosophy. Mill : as in Watson's Selections. Spencer : First Principles. Mill : Comte and Positivism ; Douglas : John Stuart Mill. Watson : An Outline of Philosophy.
4. History of Ethics in Great Britain. Selby-Bigge : British Moralists. Douglas : Ethics of Mill. Spencer : Data of Ethics. Green : Prolegomena to Ethics. Sedgwick : History of Ethics, Ch. IV. Watson : Hedonistic Theories Chaps. IV-XI. Sorley : Ethics of Naturalism. Courtney : Constructive Ethics, Pt. II, Bk. I. Schurman : Ethical Import of Darwinism.

(11.) Undergraduates taking this special course in **Pure and Applied Mathematics** (G) are recommended to take German in their First and Second Years and Junior Physics in their Second Year ; and in the event of their not having done so, they should work up the German in their vacations. and should read the appropriate sections of the elements of Physics (if possible, performing experiments) before entering the Senior Physics Class. In their Third and Fourth Years they are required to take the four Advanced Mathematics Classes of these years, the two Senior classes in Physics and the class in Mathematical Physics, and three electives. The standard of attainment shown in the Examinations in this Class in both Years will be considered in estimating the results in the final examination of the Special Course.

The subjects of examination will be as follows :—

PURE MATHEMATICS.

Any four of the following.

(*a*) Infinitesimal Calculus ; (*b*) Plane and Solid Analytic Geometry ; (*c*) Differential Equations ; (*d*) Modern Algebra (Determinants, Theory of Equations, Quantics, Invariants, Series, Functions of a real variable) ; (*e*) Theory of Functions of a complex variable ; (*f*) Projective Geometry.

APPLIED MATHEMATICS.

Kinematics and Dynamics of particles, rigid bodies, flexible strings, elastic solids and fluids,—those portions of these subjects which are treated in the class of Advanced Mathematical Physics or

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may be appointed for private reading in the course of the work of that class, the mode of treatment being by application of Analytical Geometry and the Differential and Integral Calculus.

(12.) Undergraduates taking the Special Course in **Mathematics and Physics**(H) should have studied German in their First and Second Years, and Junior Physics in their Second Year. In the event of their not having done so, they should work up the German in their vacations and should read the proper sections of the elements of Physics (if possible, performing experiments), before entering the Senior Physics Class. They are required, if they wish to complete the course, to take in their Third Year Advanced Mathematics, Senior Physics, Practical Physics, and Senior Chemistry, and in their Fourth Year, the Advanced Classes in Mathematics, Mathematical Physics and Experimental Physics, and Senior and Practical Physics. But they are advised to take three years rather than two to complete the course. The standard of attainment shown in the examinations in Senior Physics in both Years will be considered in estimating the results of the final examination of the Special Course.

Those who aim at High Honours will be expected either to prepare a thesis embodying the results of a short original investigation, or to exhibit a high standard of excellence in the more mathematical parts of the course.

The subjects of examination will be as follows:—

1. MATHEMATICS.—The subjects of the Special Course in Pure and Applied Mathematics, § viii (11), the standard of attainment required not being so high as in the Special Course in Pure and Applied Mathematics.

2. APPLIED MATHEMATICS.—The subjects of the Special Course in Pure and Applied Mathematics.

3. GENERAL PHYSICS.—A systematic general knowledge of all sections of the subject, as *e. g.* in Watson's Text-book of Physics, (Longmans & Co.) with a more detailed knowledge of special sections illustrating the use of theory in research, such as the kinetic theory of gases, the theory of solutions and of electrolysis, and the wave theory of light.

4. EXPERIMENTAL METHODS.—A general acquaintance with the methods applicable in different classes of investigation, as in Glazebrook and Shaw's Practical Physics (Longmans, Green & Co.), and Oswald's Physico-Chemical Measurements (Macmillan & Co.)—The experimental methods of the following memoirs:—Joule's papers on the determination of the Mechanical Equivalent of Heat, contained in his Scientific Papers (Taylor & Francis), vol. I, pp. 123, 172, 298, 542, 632; Faraday's Experimental Researches in Electricity (Quaritch) vol. I, Series iii., iv., v., vi., viii.; Lord Kelvin's papers on the Electrodynamic Qualities of Metals, in his Mathematical and Physical Papers, Vol. II, (Camb. Univ. Press).—the treatment of observations and the discussion of the accuracy of experimental results, (as in Holman's Precision of Measurements (John Wiley & Sons) supple-

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mented by the more purely physical chapters of Merriman's Text-book of Least Squares (J. Wiley & Sons).

(13.) Undergraduates taking the Special Course in **Chemistry and Chemical Physics** (I) are recommended to select German as one of the subjects of their First and Second Years, and to take Senior Chemistry and Junior Physics in their Second Year. They are required in their Third and Fourth Years to take the following classes:—Second Mathematics, Practical Physics, Advanced Experimental Physics, Advanced Chemistry, two classes in both Senior Physics and Practical Chemistry, and one additional class not included in the preceding list, selected from the classes prescribed for the Third and Fourth Years (§ vii).

Candidates for High Honours (§ xi) will be expected either to prepare a thesis embodying the results of a short original investigation, or to show special attainments in some branch of laboratory work, as the preparation of organic compounds, or the analysis of iron and steel, of ores, or of water. In estimating the results in the final examination of the Special Course, the standard of attainment shown in the Practical Physics Class and in the Senior Physics and Practical Chemistry Classes of both Third and Fourth Years will be considered.

Candidates will be examined at the end of the Fourth Year in the following subjects:—

CHEMISTRY.

(1.) The principles and theories of modern chemistry. The following books are mentioned to indicate the extent of knowledge required:—Remsen's *Inorganic Chemistry, Advanced Course* (H. Holt & Co.); Bernthsen's *Organic Chemistry*, translated by McGowan (Blackie & Son, Van Nostrand); Meyer's *Outlines of Theoretical Chemistry*, translated by Bedson and Williams (Longmans).

(2.) Outlines of the history of chemistry. In this connection candidates will be required to have an acquaintance with the following:—Tilden's *Short History of the Progress of Scientific Chemistry* (Longman's); Schorlemmer's *Rise and Development of Organic Chemistry*, (Macmillan & Co.); Roscoe's *Dalton and the Rise of Modern Chemistry*, (Macmillan & Co.); Shenstone's *Justus von Liebig*, (Macmillan & Co.); and the essays on Boyle, Priestley, Scheele, Cavendish, Lavoisier, Graham and Wöhler, in Thorpe's *Essays in Historical Chemistry*, (Macmillan & Co.)

(3.) The following memoirs:—*On the Arsenates, Phosphates and Modifications of Phosphoric Acid*, Graham, Philosophical Transactions, 1833; *Ueber das Radikal der Benzoesaüre*. Liebig and Wöhler (Ostwalds Klassiker, No. 22); *Ueber die Constitution der organischen Saüren*, Liebig (Ostwalds Klassiker No. 26.)

(4.) The principles and methods of qualitative analysis and of quantitative analysis, both gravimetric and volumetric, and the practical details of laboratory operations.

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(5) CHEMICAL PHYSICS.—Those sections of Physics which have an intimate bearing upon chemical research, viz., the properties of gases and liquids, including the kinetic theory of gases and the theory of solutions, the theory of heat, electrolysis, and the wave theory of light,—Physical experimental methods which are applicable in chemical research, as in Ostwald's *Physico-Chemical Measurements*, (Macmillan & Co.)—The discussion of the degree of accuracy of experimental results, as in Holman's *Precision of Measurements*, (J. Wiley & Sons).

§ **IX. Attendance.**—Undergraduates and other students who wish their attendance on classes to be recognized as qualifying for a Degree or a Class Certificate, are required to attend the lectures or other meetings of the classes with regularity and punctuality. Professors and Lecturers are instructed to record the presence or absence of students immediately before commencing the work of the class, and to amend the record in the case of those who may enter thereafter, only provided satisfactory reasons are assigned. Irregularity may involve exclusion from the examinations held at the end of the session, and non-recognition of the attendance.

§ **X. Class Exercises and Examinations.**—(1.) Undergraduates and other students who wish their class work to be recognized as qualifying for a degree, or a class certificate, are required to appear at all examinations, and to prepare such exercises, essays, reports, etc., as may be prescribed by the Professors or Lecturers.

In all classes two examinations are held, one immediately before the Christmas vacation, and the other after the closing of lectures in the Spring. In some classes, other examinations may be held at dates appointed by the Professors. At the Spring Examinations questions may be set on any subject treated during the session.

The dates of examinations are arranged so as to enable undergraduates who follow the order of classes recommended in § VII, to appear at all the examinations of the classes they may be attending. Undergraduates who attend the classes in any other order, and general students who wish to appear at examinations, should select classes with non-coincident examination dates. (See Almanac, pp. 3-5).

In order that the work done in a class by a student may be recognized as qualifying for a degree or a class certificate, he must secure a position on the Pass List. In the determination of such list, both the standing obtained in the various examinations and the degree of excellence shown in the essays, reports, and other class exercises referred to above are taken into consideration. The names appearing on the Pass List are arranged in order of merit.

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(2.) A student who fails to obtain a position on the Pass List in one or more subjects at the end of any Session shall be allowed a Supplementary Examination in such subjects at the beginning of the next Session of his attendance, on the day appointed for that purpose in the University Almanac; (Sept. 15th, 1902); or he may present himself at the ordinary Christmas and Spring Examinations of such next Session. The fee for a Supplementary Examination, or for appearing as above provided, at the Christmas and Spring Examinations, shall be Two Dollars in each subject, but in the case of students failing in more than two subjects, the maximum fee shall be Five Dollars.

(3.) A student who has failed to appear at the Supplementary or other Examination provided for by (2) may, on application to the Faculty, be granted a Special Supplementary Examination at the beginning of any subsequent Session. But, if in the meantime, the student has attended a more advanced class in the same subject, he will be expected to show greater proficiency than if he had passed the examination at the proper date. The fee for a Special Supplementary Examination shall be Five Dollars per subject, but if the examination includes more than two subjects, the maximum fee shall be Ten Dollars.

(4.) A student who fails either to appear or to pass at a Supplementary Examination shall not be allowed a Special Supplementary Examination in the same Session, except by special permission of the Faculty ; and in cases in which such Examination is granted, the fee provided for by (3) must be paid.

(5.) Students wishing to appear as candidates at any Supplementary or Special Examination shall be required to give notice of their intention to the Secretary of the Faculty, at least one week before the date of such Examination. The fee to be remitted with such notice.

(6.) In addition to the ordinary work of the classes required for the attainment of a position in the Pass List, additional work, consisting of private reading, essays, reports, etc., is prescribed for students who aim at Class Distinction (see § 1), special examinations being held in such additional work at the end of the Session. The award of such distinctions is based upon the whole work of the class, the ordinary work as well as the additional, and may be made to any student attending the class, whether undergradnate or general student, provided his attendance has been sufficiently regular.

Class Distinctions are of two grades,—First and Second Class; but candidates who attain a standing considerably

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above that required for First Class, will be indicated as having made a High First Class. In the Distinction Lists, the names of successful candidates are arranged in alphabetical order in each grade.

No Supplementary Distinction Examinations are granted to unsuccessful candidates.

§ **XI. Degrees with Honours.**—Degrees with Honours in any one of the departments of study in which Special Courses are provided, will be conferred on undergraduates for special excellence shewn at the Examinations in the subjects of such courses.

Successful candidates will be declared to have obtained their degrees With Honours, or With High Honours.

A candidate for Honours may defer his examination in the subjects of his Special Course until a year after he has passed the examinations in the ordinary subjects of the Fourth Year: in which case, however, such candidate shall not be entitled to his Degree until he has passed the examinations of such Special Course.

§ **XII. Degrees with Distinction.**—Degrees with Distinction will be conferred on undergraduates for special excellence shewn, at Examinations and otherwise, in the work of the ordinary classes recommended to be taken in the Second, Third and Fourth Years of the Course. Such degrees imply greater specialization of subject than the ordinary degree and less than the degree with Honours; but they are intended to involve as much work as the latter.

The award of such degrees is based upon the Class Distinctions (§ x (6). p. 57) gained by candidates; but regard is had, not only to the number and grade of the Distinction gained, but also to the private work required for them, and the relation to one another of the subjects in which they have been gained.

Candidates for such degrees should so select the elective classes of the above years (§ vii) that the classes thus selected together with required classes of these years, shall form groups of three or four classes in such of the following departments as they may prefer, viz.: (*a*) Latin; (*b*) Greek; (*c*) German; (*d*) French; (*e*) English; (*f*) History and Political Economy; (*g*) Philosophy; (*h*) Mathematics and Physics, and (*i*) Chemistry. They should aim at the attainment of a good standing in all the classes thus taken, and at a high standing in all the classes of as many of the groups selected as possible.

Distinctions gained in recognized classes of other Faculties of the University are taken into consideration; but not those

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gained in classes which are not taken as parts of the Course or in recognized classes of other Colleges.

Candidates for such degrees are advised to consult the Faculty at the beginning of the third and fourth years with respect to the selection of classes.

§ **XIII. Short Courses of Study for General Students.**—(1.) For the benefit of students who may not be able to spend four full years at the University, but may be able either to spend two full years or to give partial attendance for a longer period, short courses of study have been arranged, as specified below.

Students entering upon these courses are not required to pass any preliminary examination; but they are recommended not to enter classes in which some knowledge of the subjects studied is assumed, without first consulting the Professor as to their ability to enter with profit upon the work of the classes.

To students who attend the classes in these courses with regularity, show diligence in the class work, and are successful in passing the examinations, certificates will be issued stating the nature of the course pursued and the degree of success attained.

The details of the subjects studied in the classes mentioned below, will be found under Courses of Instruction (§§ i., xxiv., xliv.)

(2.) **Short Course of Liberal Studies.**—The aim of this course is to give the student the same kind of training as that provided by the ordinary B. A. course. It consists of ten classes. Of these, two must be in English, and the remainder may be selected by the student, subject to the provisions of the Time Table, from the other subjects mentioned in this paragraph, with the following restrictions:—(*a*) One of the four subjects—Latin, Greek, French, German—must be taken during two years, and if another of these subjects be selected, it also must be taken during two years. (*b*) At least two of the four subjects—Mathematics, Physics, Chemistry, Botany,—and at least two of the three subjects—History, Political Economy, and Philosophy,—must be taken for one year each; and any two of them, if subjects in which two classes are provided, may be taken during two years. The class in any subject in which a student shall enter will be that for which he is fitted by his previous study.

(3). **Short Course in Subjects bearing on Journalism.**—The aim of this course is to enable a student to study as thoroughly as the time at his disposal will permit, subjects which have a direct bearing on news-

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paper work in Canada. It consists of the following classes :— English, (First, Second and Fourth Classes), French (during two years). Junior Philosophy, Moral Philosophy, History, (Junior and Senior Classes), Political Economy, Constitutional History and Constitutional Law. Persons who have already acquired the requisite proficiency in some of the above subjects, may take other subjects in place of these, or complete the course by attending the classes, and passing the examinations, in the remainder.

(4.) **Short Course in Subjects bearing on Commerce.**—This course is intended for young men who wish before entering business offices to spend two years in studies bearing on their future work. It consists of ten classes, of which two must be in English, other two in one of the commercial languages—French, German,—the remaining six being selected from the following :—French, German, Mathematics, Physics, Chemistry, Political Economy, Contracts, Sales of Personal Property, Negotiable Instruments, Partnership and Companies, and Shipping and Marine Insurance.

Students who take this course may supplement it by obtaining, during the summer vacations, the practical training in business methods provided by a Business College.

§ XIV.— Classes not Qualifying for a Degree.—From time to time classes are organized for the benefit of persons not wishing to proceed to a degree. Announcements of such classes are made at the beginning of the term.

§ XV.—Medals, Prizes, Scholarships, and Bursaries.

(The Senate reserves to itself the right of withholding Medals and Prizes in cases in which sufficient merit is not shown.)

GRADUATE PRIZES.

The Sir William Young Gold Medal, founded by bequest of the late Hon. Sir William Young, will be awarded on graduation to the student who stands first among those taking High Honours in Pure and Applied Mathematics, provided he attain a standard considerably above that required for High Honours.

University Medals will be awarded on graduation to students who take High Honours in other departments than Mathematics, on the same conditions as the Sir William Young Gold Medal.

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THE AVERY PRIZE.—This prize, the interest of $500, bequeathed for this purpose by the late J. F. Avery, M. D., will be awarded on graduation to the student standing highest among those graduating with Distinction. See § xi.

The Scholarship offered by Her Majesty's Commissioners for the Exhibition of 1851, which is of the annual value of £150 sterling and tenable for two years (see Faculty of Science, § xxxiii), is open to students of the College.

UNDERGRUADUATE PRIZES.

NORTH BRITISH SOCIETY BURSARY.—A Bursary of the annual value of $60, founded by the North British Society of Halifax, is offered for competition at the Examinations of the Second Year's Course in Arts. It is tenable for two years, namely, during the Third and Fourth Years of the Undergraduate Course in Arts. Candidates must be undergraduates who have completed two years of the Curriculum, and must be eligible at the proper age for membership in the North British Society. The next competition will take place in April, 1903.

THE WAVERLEY PRIZE.—This prize, the interest of an endowment of $1000, will be awarded annually to the student of the Second Year Mathmatical Class, who stands highest at the Examinations of the Mathematics of the Year, the winner of the North British Society Bursary being excluded.

ENTRANCE SCHOLARSHIPS AND BURSARY.

1.) JUNIOR.—The following Scholarships and Bursary are offered for competition at the Junior Matriculation Examination in the Faculties of Arts and Science, to students entering the First Year of the Faculties of Arts and Science:

(*a.*) Two *Sir William Young Scholarships;* one, of the value of One Hundred Dollars, and one, of the value of Seventy-Five Dollars, tenable for one year and payable in two instalments.

(*b*) Two *Professors' Scholarships*, entitling to exemption from fees throughout the entire course, in classes conducted by Professors (not Lecturers) in the Faculties of Arts and Science; provided the scholar make progress satisfactory to the Faculty.

They will be awarded to the three candidates ranking highest at this examination, providing their standing be considered satisfactory by the Faculty. The successful candidates will be allowed to select, in the order of their standing, the scholarships which they shall hold. The Mackenzie bursar is not eligible.

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(*c*) One *Mackenzie Bursary*, of the value of Two Hundred Dollars, will be offered annually in accordance with the following condition of bequest: Competitors of the name Mackenzie, Maclean or Fraser, who obtain Distinction, will be given the preference. Should no candidate of the name of Mackenzie, Maclean or Fraser obtain Distinction, the Bursary will be awarded to the candidate standing highest among those obtaining Distinction.

The Bursary is payable in four annual instalments; and the payment of any instalment is conditional on the bursar's attending the classes required for undergraduates, and making satisfactory progress therein.

(2) SENIOR.—The following scholarship is offered for competition at the Senior Matriculation Examination in the Faculties of Arts and Science, to students entering the Second Year who have not previously attended the classes of the First Year. See § vi.

(*a*) Two *Professors' Scholarship*, entitling to exemption from fees throughout the entire course, in classes conducted by Professors in the Faculties of Arts and Science, provided the scholar make progress satisfactory to the Faculty.

They will be awarded to the candidates ranking highest at this Examination, provided their standing is considered satisfactory by the Faculty.

§ **XVI.—Residence.**—All students are required to report their places of residence to the President on or before the day appointed in the University Almanac, (October 14th.)

All students not residing with relatives or friends are required to reside in approved lodging houses.

Persons who wish to take students as boarders, must furnish the President with satisfactory references. A Register is kept by the President, containing the names of those persons who have met this requirement; and for the convenience of students, a list of the names and addresses of such persons will be posted on the notice-board in the College hall at the beginning of the Session.

Women students in any Faculty are admitted, on certain conditions, as boarders, to the Halifax Ladies' College.

§ **XVII.—Church Attendance.**—All students not residing with parents or guardians, are required to report to the President on or before the day appointed in the University Almanac, (October 14th), the churches they intend to make their places of worship during the Session. Intimation will

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be made to the various clergymen of the city of the names and addresses of the students who have chosen their respective places of worship.

§ **XVIII.—Discipline.**— The Senate may use all means deemed necessary for maintaining discipline.

§ **XIX.—Degree of Master of Arts.**—The degree of Master of Arts will be conferred on a Bachelor of Arts of this College, of at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research on some literary, philosophical or scientific subject, or on his passing an examination in a course of study, appointed or approved by the Faculty, of at least the extent represented by the academic work of one year of the Arts Course. In the latter case, no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University or by private reading, and to adapt the courses to their individual tastes and capacities. But no course of study will be approved unless it is confined either to one department of study or to closely related departments.

Theses must be sent to the Secretary to the Faculty on or before the first of March. Examinations will be held ordinarily at the time of the Spring Examinations; but in special circumstances they may be held in the Autumn. Candidates must give one month's notice of their intention to appear for examination. Fee to be remitted with notice.

§ **XX.—Degree of Doctor of Laws.**— The degree of Doctor of Laws may be conferred *honoris causâ*, for eminent literary, scientific or professional services,

§ **XXI.—Admission ad Eundem Gradum.**— Graduates of Universities approved by the Senate, who have received their degree in course, shall be admitted *ad eundem gradum* in this University, on producing satisfactory proof of character and academic standing. For fee see § xxiii.

§ **XXII.— Academic Costume.**—(1.) Undergraduates and general students attending more than one class are entitled to wear caps and gowns, and to wear the gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

(2.) Bachelors and Masters of Arts, of this University, shall be entitled to wear gowns, of black stuff, and hoods. The

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distinctive part of the costume is the hood. The following are the kinds of hoods appointed for the various degrees :—

B. A.—Black stuff lined with white silk and bordered with white fur.

M. A.—Black stuff lined with crimson silk.

(3.) Successful candidates for these degrees shall be required to appear at Convocation in the proper academic costume, to have the degrees conferred upon them. Degrees will be conferred in the absence of the candidate only by special permission of the Senate.

DOCTOR OF LAWS.—Doctors of Laws shall be entitled to wear gowns of black silk and hoods of black silk lined with purple silk.

§ **XXIII.—Fees.**—(1.) Fees are payable by students for Registration, (entitling to the use of the Library), for classes attended, and for certain examinations, and for the use of the Gymnasium. They are payable in advance.

No student is entitled to enter a class until he has paid the proper fees.

The following is a statement of the fees payable by students whether undergraduates or general students :

For Registration, payable annually by all students taking more than one class	$ 5 00
For Registration, payable by students taking only one class	3 00
For each class attended, (not being Practical Classes), per Session	6 00
For Junior or Senior Chemistry, (with laboratory* work of not more than four hours a week)	10 00
For Junior or Senior Chemistry (with laboratory work of five or more hours a week)	12 00
For Practical Chemistry Class,* ten or more hours a week	14 00
For Practical Physics Class,* five hours per week, per Session	8 00
For Practical Physics Class,* ten or more hours a week	14 00
For a Supplementary Examination, payable on giving the notice required by § x. (2), either $2.00 in each subject, or	5 00
For a Special Examination, payable on giving the notice required by § x. (3), either $5.00 in each subject, or (x. 3)	10 00
For a Special Certificate of Standing, under seal	5 00
For M. A. Examination, or report on M. A. Thesis, payable in advance	5 00
For use of Gymnasium by all male students	1 50

The Diploma fees are as follows :—

For B. A. Diploma	$ 5 00
For M. A. Diploma	5 00
For B. A. or M. A. *(ad eundem gradum)*	10 00

Graduates of this College attending classes are required to pay only the Registration Fee.

*All students taking classes in the chemical or physical laboratory are required to make a deposit of Three Dollars on entering the class. This amount, or if charges for breakage have been incurred, what remains of it after such charges have been deducted, is returned to the student at the end of his laboratory course.

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Faculty of Pure and Applied Science.

THE PRESIDENT, *(ex officio)*.

J. LIECHTI, A. M.	L. M. SILVER, B. A., M. B., C. M.
A. MACMECHAN, PH. D.	S. A. MORTON, M. A.
W. C. MURRAY, M. A.	C. ARCHIBALD, M. E.
E. MACKAY, PH. D.	H. W. JOHNSTON, M. Can. Soc. C. E.
D. A. MURRAY, PH. D.	W. T. KENNEDY, ESQ.
S. M. DIXON, B. A. I., A. M. I. C. E.	G. J. MILLER, ESQ.
A. W. H. LINDSAY, B. A., M. D.	A. HALLIDAY, M. D., C. M., D. P. H.
M. MURPHY, D. SC., C. E.	C. H. PORTER, ESQ.
E. GILPIN, JR., LL. D., F. R. S. C.	F. H. TORRINGTON, ESQ.
F. W. W. DOANE, C. E.	REV. R. LAING, M. A.
C. E. W. DODWELL, B. A., M. I. C. E.	F. H. MASON, F. C. S.
R. MCCOLL, M. Can. Soc. C. E.	G. M. CAMPBELL, B. A., M. D.
ALEXANDER MCKAY, ESQ.	H. S. POOLE, M. A., F. R. S. C.

Dean of the Faculty: PROFESSOR MACKAY.
Secretary of the Faculty: PROFESSOR D. A. MURRAY.
Registrar of the Faculty: PROFESSOR LIECHTI.

Correspondence should be addressed:—*The Secretary of the Faculty of Science, Dalhousie College, Halifax, N. S.*

§ XXIV.—Courses of Instruction.

I.—MATHEMATICS.

Professor .....D. A. MURRAY, PH. D.

First Mathematics Class.

Daily, 11 A. M.—12 M.

Algebra, Geometry, and Trigonometry, as in the Faculty of Arts (see § I (xii), p. 32).

Second Mathematics Class.

Daily, 10—11 A. M.

Analytic Geometry, and Differential and Integral Calculus, as in the Faculty of Arts (see § I (xii), p. 33).

Advanced Mathematics Classes.

As in the Faculty of Arts (see § I (xii), p 33).

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II.—PHYSICS.

Professor ....STEPHEN M. DIXON, M. A,

Junior Physics Class.

Mondays, 4—5 P. M.; Tuesdays and Thursdays, 11 A. M.—12 M.

As in the Faculty of Arts (see § 1 (xiii) p. 34).

Special lectures will be given in connection with this class on the elements of Hydrodynamics for the students taking courses in Engineering. Such students are required to attend these lectures and to read in connection therewith the chapters on Hydraulics in Cotterill and Slade's *Applied Mechanics* (Macmillan & Co)

A supplementary course of lectures on Acoustics will be given in connection with this class for students who are candidates for the B. Mus. Degree. Such students are required to attend the ordinary lectures of the class on the properties of solid and fluid bodies and on sound, as well as the supplementary lectures.

Books of reference: Taylor, *Sound and Music:* Poynting & Thompson, *Sound:* Blasema, *Sound in Relation to Music.*

Senior Physics Class.

Mondays and Wednesdays, 10—11 A. M.

As in the Faculty of Arts (see § 1 (xiii), p. 34).

Mathematical Physics Class.

As in the Faculty of Arts (see § 1 (xiii), p. 35).

Advanced Experimental Physics Class.

As in the Faculty of Arts (see § 1 (xiii), p. 35).

Practical Physics Classes.

As in the Faculty of Arts (see § 1 (xiii), p. 35, 36).

III.—CHEMISTRY.

(*McLeod Professorship.*)

Professor.....E. MACKAY, PH. D.

Junior Chemistry Class.

Mondays, Wednesdays, and Fridays, 9—10 A. M.

As in the Faculty of Arts (see § 1 (xiv), p. 37).—Every student is required to devote at least three hours a week to laboratory work.

Senior Chemistry Class.

Tuesdays and Thursdays, 9—10 A. M.

As in the Faculty of Arts (see § 1 (xiv), p. 37.—From three to five hours a week must be given to laboratory work.

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Advanced Chemistry Class.

One hour a week.

As in the Faculty of Arts (see § 1 (xiv), p. 37).

Practical Inorganic Chemistry Class.

At least ten hours a week.

As in the Faculty of Arts (see § 1 (xiv), p. 38).

Practical Organic Chemistry Class.

At least ten hours a week.

As in the Faculty of Arts (see § 1 (xiv), p. 38).

Advanced Practical Chemistry Class.

As in the Faculty of Arts (see § 1 (xiv), p. 38).

CHEMICAL LABORATORY.

The general laboratory accommodates about eighty students, the quantitative laboratory about sixteen. A reference library is placed in the laboratory for students doing advanced work.

Laboratory students are allowed the use of all the more inexpensive reagents. They are required to provide themselves with the more expensive reagents, as alcohol and ether, and they are charged with the value of apparatus they have broken or injured.

All members of practical classes are required to keep a detailed record of their laboratory work. The character of this record is a factor in determining the standing of a student in the class lists.

The general laboratory is open to students in Science on Mondays and Wednesdays from 3 to 6 p. m. The quantitative laboratory is open daily except Saturdays from 9 a. m. to 5 p. m.

IV.—MINERALOGY.

Lecturer.....E. MACKAY, PH. D.

Tuesdays and Thursdays, 11 A. M.—12 M.

The instruction in Mineralogy is given by means of lectures and laboratory work. The lectures are upon Crystallography, the physical character of minerals, and the description of mineral species, and are illustrated by a collection of crystal models and the minerals of the McCulloch Collection. In the laboratory the student at first learns the use of the blow-pipe and the chief blow-pipe reactions. Practice is then given in the determination of minerals by blow-pipe and other tests. At least three hours a week must be devoted to laboratory work.

Students who take this course must have previously taken Junior Chemistry, or an equivalent course in chemistry.

Text Books: Williams' *Elements of Crystallography* (H. Holt & Co.) Dana's *Minerals and How to Study Them;* Dana's *Manual of Mineralogy* (Wiley & Son); Moses and Parsons' *Elements of Mineralogy* (Wiley & Son).

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V.—APPLIED MECHANICS.

Lecturer .....STEPHEN M. DIXON, M. A., A. M. I. C. E.

Tuesdays and Thursdays, 10—11 A. M.

The object of this class is to study the practical application of Dynamics to the various branches of Engineering. The series of lectures will form a two years course, so arranged that students may enter the class at the beginning of either year. The subjects studied will be as follows :

In 1902-03. Résumé of the Principles of Statics : The Theory of Structures, including the determination of stresses in framed structures, investigation of shearing forces and bending moments, discussion of strength of materials, and design of individual members of various trusses. A short course in Graphic Statics is given and students are required to work out detailed design of a wood or steel truss.

Books of reference : Cotterill, *Applied Mechanics ;* Hoskins, *Elements of Statics* (Macmillan & Co.) ; Lanza, *Applied Mechanics ;* Bovey, *Theory of Structures* (J. Wiley & Son)..

In 1903-04. Résumé of the Principles of Dynamics.—The Mechanics of Machinery, including (*a*) Kinematics : relative velocities and accelerations ; velocity and acceleration diagrams ; link-work, wheel-teeth, belts, cams, the screw, conic mechanisms, bevel and skew gearing, parallel motions, etc. (*b*) Dynamics : equilibrium of mechanisms, force and work diagrams, inertia of moving parts, fly-wheels, governors, friction, brakes. During the year students will be required to make dimension sketches of details of machines, and also make a complete design of working drawings of some machine.

Books of reference : Kennedy. *Mechanics of Machinery ;* Cotterill, *Applied Mechanics* (Macmillan & Co.) ; Unwin, *Machine Design ;* Low and Bevis, *Machine Drawing and Design* (Longmans).

Students will be expected to acquire considerable power of solving problems, and to read privately specified portions of books of reference on subjects not fully discussed in class.

VI —DESCRIPTIVE GEOMETRY.

Lecturer .....S. A. MORTON, M. A.

This course of lectures will include the following subjects : Plane Geometry : construction of scales, construction and areas of plane figures, properties and construction of curves ; Solid Geometry : problems on the straight line and plane, projection of lines, planes and solids, simple intersections of planes and solids, easy examples of projection of shadows.

Books recommended : Angel's *Practical Plane Geometry and Projection.* Millar's *Descriptive Geometry,* Spanton's *Science and Art Drawing.*

VII.—DRAWING.

The following classes of the Victoria School of Art and Design are recognized as qualifying for a degree. The work of a class may be completed in two years of one hundred hours each. Students of Engineering are required to take either the class in Mechanical or that in Architectural Drawing. Students preparing for the teaching of science in schools should select the class in Free-hand Drawing and Modelling.

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Information as to fees, etc., may be obtained on application to Mr. Alex. McKay, Secretary of Victoria School of Art and Design, Halifax.

Mechanical Drawing.

FIRST YEAR.—Plane Geometry and Scales. Lettering. Descriptive Geometry. Projection of Lines, Planes and Solids. Sections by Planes. Developments. Penetrations. Exercises in Projections. Cutting Planes. Exercises on finding Curves by passing a plane through Curved Surfaces.

SECOND YEAR.—Riveted Joints. Single and Double Lap-joints. Butt-joints. Connection of Parallel Plates etc. Gearing. Double and single Curved Work. The Involute. The Cycloid. The Epicycloid. Construction of Spur Wheel and Pinion. Projections of Gear Wheels. Bevel Gearing. Isometric Projection. Machine Design.

Architectural Drawing.

FIRST YEAR.—As for the First Year of the Class in Mechanical Drawing.

SECOND YEAR.—Styles of Architecture. Perspective as applied to Architectural or Engineering design. Moulding. Bonds of brickwork and stone. Details of construction in stone, brick, wood and iron. The framing of timbers. Fire-proof construction and strength of materials. Preparation of specifications.

Free-hand Drawing and Modelling.

Free-hand Drawing. Geometrical Drawing. Shaded Drawing from the Round. Modelling in Clay. Principles and Practice of Decorative Design and Elements of Perspective.

VIII.—CIVIL ENGINEERING.*

Lecturer .....M. MURPHY, D. Sc., C. E.

Once a fortnight.

The subjects treated will be:—Materials and Constructions; Earth-work; Masonry; Carpentry; Structures of timber, stone and iron; the Construction of Common Roads; Railways; Bridges; Water Supply for Towns; and Reclamation of land from the sea.

Such works as are named above are generally in operation in Nova Scotia, under the supervision of the Provincial Engineer, and advanced students in the Engineering Class will be afforded an opportunity of examining them under construction.

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* If in any year there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the student will pursue a course of reading under the supervision of the Lecturer.

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IX.—SURVEYING.

Lecturers.....{R. McCOLL, M. Can. Soc. C. E.
H. W. JOHNSTON, C. E.

The course is intended to give the student a practical training in the methods of land surveying, and in the field work of engineering operations, and is divided as follows :

Junior Class.

Once a week.

Chain and Angular Surveying. The construction, use and adjustments of various instruments. Topography, Levelling and Contour Survey. Plotting.

Senior Class.

Once a week.

Preliminary and Location Surveys of a railway. Construction Survey, including curves, setting-out work and calculation of quantities. Hydrographic Surveying and Mining Surveying.

The field work will consist of :—(1) A Chain Survey. (2) A Chain and Compass Survey. (3) A Triangulation Survey with sextant. (4) A Contour Survey. (5) A Survey with transit and chain. (6) A Survey and location of a line of road with topography and contour and staking-out for construction. (7) A Hydrographic Survey. (8) An Underground Survey or one at night to illustrate underground methods.

Students are required to keep complete notes and from them to prepare all plans, drawings, &c., of the work.

X.—MINING AND METALLURGY.*

Lecturers.....{E. GILPIN, JR., A. M., LL. D.
C. ARCHIBALD, M. E.
F. H. MASON, F. C. S.

Courses of lectures will be given on the following subjects :

MINING.

Geology in relation to Mining. Occurrence of Veins and Beds. Prospecting, and preliminary operations.

Shaft and Slope Sinking. Mining operations. Ventilation. Valuation of properties.

Pumping. Hoisting. Mining appliances. Cleaning of ores and coal.

Stamping of ores and tailings. Amalgamation of gold in the stamp mill and in other forms of crushing machinery. Concentrating machinery. The treatment of refractory ores, concentrates and tailings by wet methods. Melting and refining.

*If in any year there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the Lecturers.

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METALLURGY.

Physical properties of metals. Alloys. Thermal treatment of metals. Effects of traces of one metal or metalloid on masses of another. Furnaces and material used in their construction. Fuel, its calorific power and intensity. Manufacture of coke, charcoal, coal and producer gas. Metallurgy of iron. The blast furnace. Conversion of cast iron into malleable iron, wrought iron and steel. Furnace charges, slags. Metallurgy of gold. The stamp mill. The Huntington mill. The Frue vannex. The Wilfley table. The chlorination process. The cyanide process. Melting and refining.

Books of reference: Smith's *Coal Mining;* Andre's *Treatise on Coal Mining;* Chance's *Coal Mining, Pennsylvania;* Dana's *Metalliferous Mines;* Merrivale's *Notes and Formulæ;* Geikie's *Outlines of Field Geology;* Ihlseng's *Manual of Mining.* Carl Schnabel's *Text-book of Metallurgy,* translated by H. Louis; Philips & Bauerman's *Elements of Metallurgy*; Kirke Rose's *Metallurgy of Gold*; Henry Louis' *Hand-book of Gold Milling*; J. A. Rickard's *Stamp Milling of Gold Ores;* Eissler's *The Cyanide Process for Gold Extraction*; C. LeNeve Foster's *Ore and Stone Mining*; Roberts-Austen's *Introduction to the Study of Metallurgy:* Turner's *The Metallurgy of Iron,* (Chas. Griffin & Co.)

XI.—HYDRAULIC ENGINEERING.*

Lecturer..... .....C. E. W. DODWELL, B. A., M. I. C. E.

Once a fortnight.

The subjects treated will be as follows:

Flow of water through orifices and short tubes, and in pipes and open channels.

Water supply to cities and towns. Quantity and quality necessary. Rainfall, watershed, springs, wells, lakes and rivers. Storage of water in natural and artificial reservoirs. Measuring weirs and steam guaging. Filtration and other methods of treating impure waters. Construction of dams of stone, earth and timber. Details of construction of a town supply. Mains and distribution pipes, thickness, weight, strength, methods of moulding, preserving and laying. Valves, hydrants, etc. Pumping engines.

Turbines and water-wheels.

River improvements.

XII.—MUNICIPAL ENGINEERING.*

Lecturer.....F. W. W. DOANE, C. E.

Once a fortnight.

The subjects treated will be:—Streets,—laying out, opening, formation, sidewalks, paving, cleaning, sprinkling, street railways, obstructions, etc.; works of sewerage (separate and combined)—grades, materials, foundations, sectional form, course, ventilation, flushing, subsoil, drainage, intercepting sewers, tidal sewers, sewage disposal, etc.; house drainage and plumbing, roof water disposal, cesspits, disposal of garbage, etc.; water supply, plumbing—service pipes, stopcocks, effect and prevention of waste, etc.

*If in any year there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the Lecturer.

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XIII.—BOTANY.

Lecturer .....

Two hours a week.

The course in Botany will have special reference to the following subjects: Protoplasm and Plant-cells, the Tissue and Tissue Systems of Plants, Morphology of the Plant-body, Plant Physiology, the Principles of Classification and the Laws of Distribution, the Protophyta (Schizophyceæ), the Phycophyta (Chlorophyceæ and Phæophyceæ), the Carpophyta (Rhodophyceæ, Ascomyceteæ and Basidiomyceteæ specially), the Bryophyta (Mosses and Liverworts), the Pteridophyta (Ferns, Horsetails and Club-mosses), the Anthophyta (specially the Coniferæ, Gramineæ, Orchidaceæ, Liliaceæ, Uticaceæ, Labiatæ, Compositæ, Umbelliferæ, Rosaceæ, Leguminosæ, Cruciferæ, Ranunculaceæ). The Morphology and life history (the anatomy, histology and development) of at least two common or representative species of each group of plants above named, in minute detail.

General attention will be given to the native *flora* of the Province, with special notice of foreign as well as native species of interest from economic, medicinal or injurious properties.

The preliminary study of Botany as indicated in Grade IX of the Public School Course, and especially the formation of a local collection of plants, even if unnamed and unclassified, will be an advantage to any student entering upon the course.

Practical instruction will be given in the collecting, drying and mounting of specimens, the use of the microscope, the preparing of microscopic sections, and the general dissection of plants. The use in class of a number of microscopes will be granted the students under the care and direction of the Lecturer; but a hand lens, glass slides, cover glasses, scalpels and other apparatus or books necessary to each student, should be supplied by each for himself. Collections, notes, class-work and drawings of students will be estimated for incorporation into final class standing.

Students in Science are required, in addition, during the summer vacation to study practically the flora or a section of the flora of some district, to present a collection of the said flora properly classified and mounted, and to pass an oral and practical examination on the same at the beginning of their next session.

Manuals for the practical work prescribed for the summer will be recommended by the Lecturer.

XIV.—ZOOLOGY.

Lecturer .....A. HALLIDAY, M. B., C. M., D. P. H.

Two hours a week.

The work of this class will consist of a course of lectures supplemented by practical work.

The following subjects will be treated in the lectures:—Organic and Inorganic bodies Life, Vital Action, etc. Differences between plants and animals. Morphology. Physiology. Differences between Animals. Specialisation of Function. Morphological Type. Von Baer's Law of Development. Origin of Species. Homology. Analogy. Reproduction. Distribution in time and space. Evolution. Classification. Also the general characters of the several sub-kingdoms will be treated of as fully as possible.

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The practical part of the course will consist of dissections by students themselves, and demonstrations, microscopic, etc.

The object of the class will be to give such a comprehensive idea of the Animal Kingdom, as will form a good basis for further prosecution of the study of Biology or Comparative Anatomy and Physiology.

Text-Book: Parker and Haswell's *Students' Manual. Books of Reference:* Huxley's *Anatomy of Vertebrates and Invertebrates* 2 vols.; Claus and Sedgewick's *Text-book of Zoology*, 2 vols.; also Parker & Haswell's text-book, 2 vols.

XV.—GEOLOGY.

Lecturer .....H. S. POOLE, M. A., F. G. S., F. R. S. C.

Two hours a week.

Dynamical Geology. Constitution of the Interior of the Earth. Volcanoes and Earthquakes. Sub-Aerial Agencies. Reconstructive Processes.

Structural Geology. Igneous and Sedimentary Rocks. Dislocations. Veins. Metamorphism.

Historical Geology. The various formations, with distinctive Palæontology.

Scott's *Introduction to Geology* (Macmillan) will be used as a Text-book. For wider reading students will be referred to publications in the Library.

XVI.—PHYSIOLOGY.

The University provides no instruction in this subject, but the class conducted in the Halifax Medical College by Professor L. M. Silver, M. B., is recognized as qualifying for a degree. The class meets on Tuesdays, Thursdays and Saturdays, at 11 A. M.—12 M. The fee for the course is $15.00.

Undergraduates who have taken this class as part of their course are required either to present a certificate of having passed the examination of the Faculty of Medicine or to pass an examination conducted by the Examiner of this Faculty. In the latter case a fee of $3.00 is to be paid to the Examiner.

XVII.—HISTOLOGY.

The University provides no instruction in this subject, but the class conducted by Professor G. M. Campbell, B. A.., M. D., and H. D. Weaver, M. D., in the Halifax Medical College, is recognised as qualifying for a degree. The class meets on Mondays, Wednesdays and Fridays, at 11 A M.—12 M. The fee for the course is $15.00.

The regulations as to examinations are the same as in the case of Physiology, the fee payable being $3.00.

XVIII.—ANATOMY.

The University provides no instruction in this subject, but the Junior or the Senior Anatomy Class and the Practical Anatomy Class, conducted in the Halifax Medical College by Professor A. W. H. Lindsay, M D., are recognized as qualifying for a degree. The Junior Anatomy Class meets on Mondays, Wednesdays and Fridays at 12—1 P. M. The Senior Class meets on Tuesdays and Thursdays at 12—1

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P. M., and Saturdays at 10—11 A. M. The fee for each of these classes is $15.00. The Practical Anatomy Class meets daily (Saturdays excepted), at 3.30—5 30 P. M. ; fee $15.00.

Undergraduates who have taken the Practical Anatomy Class as part of their course are required to produce evidence of having, during their attendance on such class, carefully dissected at least three "parts" of the body.

Undergraduates who have taken the above classes as part of their course are required either to present certificates of having passed the examinations conducted by the Faculty of Medicine, or to pass before the examiner of this Faculty a written examination in the subjects of the Junior or Senior Anatomy Class, and an oral or practical examination on such "parts" of the body as they may have dissected. In the latter case an examination fee of $3.00 is payable, which covers both written and oral examination.

XIX.—MENTAL SCIENCE

Professor.....WALTER C. MURRAY, M. A.

The class in Mental Science is that known in the Arts Faculty as Junior Philosophy (§ 1 (x), p. 30).

The aim of the course in Logic is chiefly disciplinary. In the Psychological course experiments will be introduced as much as possible, not merely for purposes of illustration but also to supply data for inductions of psychological laws. Special attention will be given to the relation of Psychology to Educational methods.

Text-books: Mill: *Logic;* Creighton: *Introductory Logic;* Titchener: *Primer of Psychology;* James: *Psychology* (Briefer Course). Recommended for students in Education: Sully: *Teacher's Handbook of Psychology;* Morgan: *Psychology for Teachers;* James: *Talks on Psychology.*

XX.—EDUCATION.

*Science of Education.

Lecturer.....PROF. W. C. MURRAY, M. A.

Two hours a week.

This Class consists of two courses of lectures. In one course the development of Educational Theory in England from Ascham to Thring will be traced. Concurrently with this the psychological basis of education will be studied. James's *Talks to Teachers* will be followed at first; afterwards the mental development of the child will be traced from infancy to maturity.

Books recommended: Ascham: *The Schoolmaster;* Milton: *Tractate on Education;* Locke: *Thoughts on Education;* Spencer: *Education;* Mill: *Inaugural at St. Andrews;* Thring: *Theory and Practice of Teaching;* Farrar: *Essays on Liberal Education;* Masson: *Life of Milton, Vols. I. III;* Quick: *Educational Reformers;* Parkin: *Life of Thring;* Mark: *Educational Theories in England;* Laurie: *Institutes of Education;* James: *Talks on Psychology to Teachers;* Fitch: *Lectures on Teaching;* Chamberlain: *The Child;* Starbuck: *Psychology of Religion.*

History of Education and Practice.

This Class consists of three parts. Principal Miller lectures on the History of Education; Principal Kennedy on School Management; and Supervisor A. McKay conducts the course in the Practice of Teaching.

*This class will not be given in 1902-03 unless five or more students desire it.

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(1) HISTORY OF EDUCATION.

Lecturer .....PRINCIPAL G. J. MILLER.

One hour a week.

[This course will be given every other session.]

The course consists of lectures and recitations on: The History of Education in different ages and countries; Comparison of Education Systems; Theories of Writers on Education; Eminent Educators.

Books recommended: Williams: *History of Modern Education;* Quick: *Educational Reformers;* Browning: *Educational Theories;* Painter: *History of Education.*

(2) SCHOOL MANAGEMENT.

Lecturer.....PRINCIPAL W. T. KENNEDY.

[This course will be given when the Course in History is given.]

Six or eight lectures will be given on the principles of School Management and the School Law of Nova Scotia.

Useful Books: Fitch's *Lectures on Teaching;* McMurray's *General Method;* Baldwin's *School Management;* School Law of Nova Scotia, 1892.

(3) PRACTICE OF TEACHING.

Lecturer.....ALEXANDER MCKAY.

The work of this course will consist of observation of the practice of successful teachers, practice in teaching, and discussions conducted by Supervisor McKay on points raised in the course of the observation and practical experience of the class.

Members of the class who pass satisfactory examinations on the subjects studied, and are favorably reported upon by Mr. McKay, the supervisor of their practical work, will be granted certificates showing the standard of excellence attained and the time spent in practice.

Students who take this class as part of their course for the degree of B. Sc. (§ XXIX) will be required to spend 150 hours in practical work (including actual teaching and observation of teaching) under supervision approved by the Faculty. Those who take the class as part of the Course for the Diploma of Literate in Education (§ XXXVI (2)) will be required to spend 300 hours in practical work.

XXI.—THEORY AND HISTORY OF MUSIC.

The classes in the Theory of Music, conducted in the Halifax Conservatory of Music by Mr. Percy Gordon, Director, and other members of the staff, and those in the History of Music, conducted by Rev. R. Laing, M. A., are recognized as qualifying for the degree of Bachelor of Music In the Theory the course extends over three years; in the History, over two Information as to details of subjects studied in the classes, fees, text-books, etc, may be obtained on application to the Director of the Conservatory.

XXII.—ENGLISH.

Professor .....ARCHIBALD MACMECHAN, PH. D.

As in the Arts Faculty (§ I (v), pp. 25-7).

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XXIII.—FRENCH AND GERMAN.

Professor ... .J. LIECHTI, M. A.

As in the Arts Faculty (§ I (iv), pp. 22-4.)

§ **XXV.—The Academic Year** consists of one Session. The Session of 1901-02 will begin on the 9th September, 1902, and end on the 28th April, 1903.

§ **XXVI.—Admission of Students.**—The regulations for the admission of students to the classes of this Faculty are the same as in the Faculty of Arts (§ III, p. 39.)

§ **XXVII.—Degrees.**—(1.) Three baccalaureate degrees are conferred in the Faculty of Science, viz., Bachelor of Science (B. Sc.), Bachelor of Engineering (B. E.), and Bachelor of Music (B. Mus.) The degree of B. E. (§ XLI) is conferred only on persons who have already obtained the degree of B. Sc. Candidates for the B. Sc. and B. Mus. degrees must attend with regularity the classes of their courses of study as prescribed in §§ XXIX and XXXV, perform the exercises required, and appear at the examinations held, in such classes, and secure a position on the Pass Lists in all subjects. The courses of study for B. Sc. extend over four years, that for B. Mus. over three years; but in the case of students who enter at advanced stages, they may be completed in a shorter time.

(2.) Persons may become candidates for degrees by passing the Junior or Senior Matriculation Examination. Those who pass the Senior Matriculation Examination are exempted from attending the classes recommended in §§ XXIX and XXXV to be taken in the first year of attendance, and may complete the B. Sc. course in three, and the B. Mus. course in two, years, respectively. In general, the Matriculation examination is to be passed by a student before he enters upon a course of study leading to a degree.

(3.) General students who have attended some of the classes in any course of study and passed in the subjects of them, may become candidates for a degree in such course by passing one of the Matriculation Examinations, in which case the classes previously attended shall be recognized as qualifying for a degree. But in those subjects of the Matriculation Examination in which they have previously attended classes, such students shall be expected to show a higher proficiency than if they had passed the examination at the beginning of their course.

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(4.) Undergraduates who have completed a portion of the Science or Music Courses either in this College or in other approved colleges or schools, shall be admitted to such advanced standing in the courses leading to the above degrees as the subjects which they have studied may seem to warrant, and arrangements shall be made to enable them to complete the courses in as short a time as possible.

§ XXVIII.—Matriculation Examinations.—(1.) The Junior Matriculation Examination by which a student may gain entrance to the first year of the science or music courses in this Faculty, is the same as the Junior Matriculation Examination of the Faculty of Arts, candidates being permitted to select as subjects 1 and 2 any two of the languages specified, namely, Latin, Greek, French and German. The regulations as to distinction, exemptions, dates, &c., are the same as in the case of the Junior Matriculation Examination of the Faculty of Arts. (See § v., p. 40.)

(2.) The subjects of the Senior Matriculation Examination by which a student may gain entrance to the second year of the various courses in this Faculty, are the subjects of the Junior Matriculation Examination and of the first year of the course on which he wishes to enter (§§ XXIX and XXXV.) The regulations as to exemptions, dates, &c., are the same as in the case of the Senior Matriculation Examination of the Faculty of Arts. (See § VI, p. 42.)

(3.) The regulations of §§ V and VI with respect to Scholarships are applicable to students entering the B. Sc. Courses, but not to those entering the B. Mus. Course.

§ XXIX.—Courses of Study for Degree of B. Sc.—(1.) Two courses lead to the degree of Bachelor of Science. Course A is intended for those who wish a course in science and modern languages similar to that leading to the degree of Bachelor of Arts. Course B, though not a technical course, is intended for those who aim at becoming engineers.

(2.) **Course A** consists of the following classes:—Three in English; three in German; two in French; two in Mathematics *or* Chemistry; one in Mental Science *or* Biology *or* Geology and Mineralogy: one in each of the following:—Freehand Drawing (at least 100 hours), Mathematics, Physics, Chemistry; and seven single classes,* or their equivalents, to

* A single class is one in which two or th ee lectures a week are given, a double class, one in which the number of lectures is four or five a week. One double class is regarded as equivalent to two single classes.

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be selected, subject to the approval of the Faculty, from the list of subjects given below under classes for Third and Fourth Years.*

The following arrangement in years indicates the order in which, as a rule, these classes may be most conveniently taken :

First Year.

1. First Mathematics.
2. Junior Chemistry.
3. First English.
4. German.
5. French.
6. Freehand Drawing (to be completed before the end of the Second Year.)

Second Year.

1. Second Mathematics *or* Senior Chemistry.
2. Junior Physics.
3. First English.
4. German.
5. French.
6. Freehand Drawing (completing at least 100 hours).

Third and Fourth Years.

1. English.
2. German.
3. Mental Science *or* Biology *or* Geology and Mineralogy.

4—10. Seven classes from the following subjects :

Mathematics.	Anatomy.
Physics.	Political Economy.
Chemistry.	Philosophy.
Geology and Mineralogy.	Education.
Biology.	English.
Physiology.	French.
Histology.	German.

(3.) **Course B** consists of six classes in each of the first two Years, and in the Third and Fourth Years nine classes, and, in addition, one group of classes to be chosen from certain elective groups specified below. The classes, arranged in years, are the following :

First Year.

1. First Mathematics.
2. Junior Chemistry.
3. First English.
4. German.
5. French.
6. Mechanical Drawing (at least 100 hours.)

* Students who have registered as undergraduates in Medicine may complete their course in Medicine in three years instead of four by taking the following four classes in addition to the Junior Chemistry and Junior Physics required in the First and Second Years :—Botany, Zoology, Junior Anatomy, Practical Anatomy. Such students are recommended to take the class in Histology also, to avoid conflict of hours in the time table. (See Faculty of Medicine).

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Second Year.

1. Second Mathematics.
2. Junior Physics.
3. Senior Chemistry.
4. Second English.
5. French or German.
6. Mechanical *or* Architectural Drawing. Descriptive Geometry.

Third and Fourth Years.

1—2. Two classes in Senior Physics.
3. Practical Physics.
4—5. Two classes in Applied Mechanics.
6—7. Two classes in Surveying.
8. Hydraulic Engineering.
9. French *or* German.
10—12. One of the following groups:—

(a) For Civil Engineering: Mineralogy and Geology. Civil Engineering. Municipal Engineering.

(b) For Electrical Engineering: Practical Physics. Advanced Experimental Physics. Practical Inorganic Chemistry.

(c) For Mining Engineering: Practical Inorganic Chemistry. Geology and Mineralogy. Mining and Metallurgy.

§ XXX.—Special Courses for Degree of B. Sc.

—(1.) An undergraduate shall be allowed after completing the work recommended in § XXIX for the first two years of his B. Sc. course, to restrict his attention to a more limited range of subjects than that of the ordinary course, provided his standing at the examinations of the first and second years, especially in the subjects corresponding to the Special Course on which he proposes to enter, seems to the Faculty to warrant such restriction.

Special Courses are provided in the following departments: (*a*) Pure and Applied Mathematics, (*b*) Mathematics and Physics, (*c*) Chemistry and Chemical Physics.

An undergraduate taking a Special Course in any of these departments shall be required to attend the Advanced Classes provided in the subjects of such department (see § XXIV.), to make progress satisfactory to the Professors who conduct such

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classes, and to pass the examinations in the subjects of such department; and he shall in some cases be allowed to omit from the ordinary course certain subjects specified below.

The examinations in the subjects of a Special Course shall not be held before the end of the second year after entering upon the Course.

(2.) Undergraduates taking the Special Course in **Pure and Applied Mathematics** are recommended to take German in their First and Second Years and Junior Physics in their Second Year; and in the event of their not having done so, they should work up the German in their vacations, and should read the appropriate sections of the elements of Physics (if possible, performing experiments) before entering the Senior Physics Class. In their Third and Fourth Years they shall be required to take the four Advanced Mathematics Classes of these years, the two Senior Classes in Physics and the class in Mathematical Physics, and three electives. The standard of attainment shown in the examinations in the Mathematical and Physical Classes in both Years shall be considered in estimating the results in the final examination of the Special Course.

The subjects of examination and other regulations shall be the same as in the corresponding course in the Faculty of Arts (§ viii (11) p. 52).

(3.) Undergraduates taking the Special Course in **Mathematics and Physics** should have studied German in their First and Second Years, and Junior Physics in their Second Year. In the event of their not having done so, they should work up the German in their vacations and should read the appropriate sections of the elements of Physics (if possible, performing experiments) before entering the Senior Physics Class. They are required, if they wish to complete the course in two years, to take in their Third Year Advanced Mathematics, Senior Physics, Practical Physics, and Senior Chemistry, and in their Fourth Year, the Advanced Classes in Mathematics, Mathematical Physics and Experimental Physics, and Senior and Practical Physics. But they are advised to take three years rather than two to complete the course. The standard of attainment shown in the examinations in the Mathematical and Physical Classes of both Years shall be considered in estimating the results of the final examination of the Special Course.

Those who aim at High Honours (§ xi, p. 57) shall be expected either to prepare a thesis embodying the results of a short original investigation, or to exhibit a high standard of excellence in the more mathematical parts of the course.

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The subjects of examination and other regulations shall be the same as in the corresponding course in the Faculty of Arts (See § VIII (12) p. 53).

(4.) Undergraduates taking the Special Course in **Chemistry and Chemical Physics** are recommended to select German as one of the subjects of their First and Second Years, and to take Senior Chemistry and Junior Physics in their Second Year. They shall be required in their Third and Fourth Years to take the following classes:—Second Mathematics, Practical Physics, Advanced Experimental Physics, Advanced Chemistry, two classes in both Senior Physics and Practical Chemistry, and one additional class not included in the preceding list, selected from the classes prescribed for the Third and Fourth Years (§ VII).

Candidates for High Honours (§ XI) shall be expected either to prepare a thesis embodying the results of a short original investigation, or to show special attainments in some branch of laboratory work, as the preparation of organic compounds, or the analysis of iron and steel, of ores, or of water. In estimating the results in the final examination of the Special Course, the standard of attainment shown in the Practical Physics Class and in the Senior Physics and Practical Chemistry Classes of both Third and Fourth Years shall be considered.

The subjects of examination and other requirements shall be the same as in the corresponding Special Course of the Faculty of Arts (§ VIII (13) p. 54).

§ XXXI.—**The Degree of B. Sc. with Honours** in departments in which special courses are provided in this Faculty, shall be conferred on the same conditions as the corresponding degree in the Faculty of Arts (§ XI, p. 52.)

XXXII.—The Degree of B. Sc. with Distinction shall be conferred on the same conditions as the corresponding degree in the Faculty of Arts (§ XII, p. 57).

§ XXXIII.—**Medals, Prizes, and Matriculation Scholarships.**—The Sir William Young Gold Medal, the University Medals, the Avery Prize, the Waverley Prize, and the Sir William Young and Professors' Scholarships and Mackenzie Bursary (awarded at matriculation) are open for competition to undergraduates of, or candidates for matriculation in, the B. Sc. courses of this Faculty. See §§ V, XV, pp. 40, 59.

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§ XXXIV.—1851 Exhibition Science Research Scholarship.—Her Majesty's Commissioners for the Exhibition of 1851 have, for some years, offered Scholarships in certain universities of the United Kingdom and the Colonies, with the intention of enabling students of science who have indicated high promise of capacity for original research to continue the prosecution of science with the view of aiding in its advance or in its industrial applications. In 1894, 1896, 1898, 1900, and 1902, they placed the nomination to one of these Scholarships at the disposal of this University, and it is expected that a similar nomination will be placed at the disposal of the University for the year 1904.

These Scholarships are of the annual value of one hundred and fifty pounds sterling, are tenable for two years, subject to the fulfilment of certain conditions mentioned below, or, by special resolution of the Commissioners, for three years, and are open to women as well as men.

The following were the conditions of nomination in 1902 :

(a) The nominee must be a British subject.

(b) He (or she) must, at the date of the nomination, have been for a term of three years, a *bona fide* student of Science in a University or College (or in Universities or Colleges) in which special attention is given to scientific study,—a graduate who has continued his studies at a College after graduation being regarded as a student.

(c) He must have been a student of Dalhousie College either during the academic year at the end of which the nomination is made, or during the previous year; but in the event of his having ceased to be a student of Dalhousie College at the end of the previous year, he must have been engaged during the year of nomination solely in scientific study.

(d) He must have indicated high promise of capacity for advancing Science or its applications by original research. Evidence of capacity for original research in Science is strictly required, this being one of the main quaiifications for a scholarship; and the nominee will be selected from the students qualified for nomination mainly on the ground of superiority in this respect, though the general proficiency attained in the study of Science, special knowledge of departments of Science closely related to that to which the candidate intends to devote himself, and knowledge of such subjects as French and German, which are useful in the prosecution of research, will also be taken into account.

(e) There is no absolute restriction as to age; but a nominee whose age exceeds 30 will only be accepted by the Commissioners under very special circumstances.

The nomination which is to be made by this University to the Commissioners in London, will be referred by them to a committee of eminent scientific men, who will advise them upon it; and the nomination will take effect on its being confirmed by the Commissioners.

The scholarship may be held at any University in the United Kingdom or abroad, or in any other institution to be approved by the Commissioners, the only restriction being that the institution

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selected shall be properly equipped for the prosecution of Science. But a scholar will be required, in the absence of special circumstances, to proceed to an institution other than that by which he is nominated.

The scholar, during his tenure of the Scholarship, must devote himself wholly to study and research, more especially in some branch of Science, such as Physics, Mechanics, or Chemistry, the extension of which is especially important to our national industries; and he is not allowed during such tenure to hold any position of emolument.

The continuance of the Scholarship for the second year is dependent on the work done in the first year being satisfactory to the Scientific Committee appointed by the Commissioners.

Only one-fourth, at most, of the Scholarships granted in any one year, are renewed for a third year, the renewals being awarded to the most deserving of the candidates.

The conditions for the exceptional renewal of Scholarships for a third year are as follows:—

(1) The scholar shall have published in the Proceedings of some Scientific Society, or in some Scientific Journal, an account, approved by the Scholarships Committee, of an adequate research.

(2) The scholar shall satisfy the Committee:—

That a continuance of the Scholarship for a third year is likely to result in work of scientific importance.

That such work is not likely to recompense the scholar pecuniarily.

That the scholar is not in a position to continue the work without the help of the Scholarship.

That the scholar intends, after the expiration of the Scholarship, to adopt a pursuit in which his studies during his tenure of the Scholarship, will find useful practical application.

(3) The scholar shall undertake to make a detailed report to the Commissioners, of his work during the third year.

(4) The conditions on which the Scholarship was originally granted shall apply in all respects to its continuance during the third year.

The scholarship is payable half-yearly in advance (through the Treasurer of this University, if the scholar study in America): but £25 will be reserved from the last payment until the scholar has made a satisfactory final report.

The candidate nominated is required by the Commissioners to sign the following declaration:

I, the undersigned, hereby declare that the particulars concerning me mentioned in the foregoing form are correct, and I undertake that, if a Science Research Scholarship is awarded to me, I will hold it subject to the conditions laid down by Her Majesty's Commissioners for the Exhibition of 1851 with reference thereto, and I will, during its continuance, wholly devote myself to the objects of the Scholarship, and I will not during such continuance hold any position of emolument.

In cases in which the candidate nominated for a scholarship appears to H. M. Commissioners to have had insufficient opportunity of showing whether or not he has the power to carry on independent research, and not therefore to be immediately qualified for a scholarship, but to give promise of becoming so after a year's experience of research work, said candidate also not being in a position to continue his studies

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without assistance, H. M. Commissioners *may* award him a Probationary Bursary. The following are the regulations under which such Bursaries are tenable :—

1. A Bursary is intended for the maintenance for one year of a Student who proposes to become a Science Research Scholar under the scheme of the Commissioners at the expiration of the period covered by the Bursary, in order to afford him an opportunity of proving his power to carry on independent research. The authorities of an institution recommending a Student for a Bursary will be presumed to have satisfied themselves that he *bona fide* intends to accept a Scholarship if subsequently appointed to one.

2. An applicant for a Bursary must, except as to evidence of capacity for original research, fulfil all the conditions for the time being laid down for appointment to a Science Research Scholarship. He must have passed a B. Sc. examination (or its equivalent) with Honours before the commencement of the period covered by the Bursary. His age must not exceed 25, except under special circumstances.

3. A Bursary is tenable for one year, and is of the value of £70, payable by half-yearly instalments in advance, the second instalment being payable on receipt of a certificate from the Professor under whom the holder has been working that he has faithfully performed his duties.

4. A Bursary will be awarded on condition that the nominating institution undertakes to provide for the holder facilities for conducting research, and the requisite supervision, free from charge and incidental expenses.

5. The holder of a Bursary shall devote himself exclusively to research, and work preparatory to research, and none of his time shall be spent in assisting a teacher in his duties. The holder of a Bursary must not hold any other Bursary, Scholarship, or position of emolument.

6. The holder of a Bursary shall on or before May 1st in the year of tenure send to the office of the Commissioners an account of the research work performed by him, together with an application for appointment to a Science Research Scholarship. The Commissioners will expect to receive from the Professor under whom the holder of the Bursary shall have worked, a confidential opinion as to his capacity and qualifications.

7. The Commissioners may either appoint the holder of a Bursary to a Science Research Scholarship, or at their absolute discretion decline to appoint him, and in the latter case, shall not be called upon to state any ground for their decision.

8. A Science Research Scholarship, if granted, shall be held on the usual conditions attached to the Scholarships, or on any special conditions which the Commissioners may impose. But a scholar who previously to appointment has held a Bursary shall not be eligible for exceptional renewal of his Scholarship for a third year.

Students who desire to become candidates for nomination to the above Scholarship must make application to the President of the University on or before the 1st day of February, 1904. In making such application they must furnish a statement of the following particulars :—

(a) Name and address.

(b) Age and birth-place.

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(c) Institution or institutions in which candidate's term of study has been passed.

(d) Specific statement of qualifications of candidate, including particulars of his college career, and of original research in which he has been engaged.

(e) Name of institution to which candidate proposes to attach himself during tenure of Scholarship.

(f) Statement of the particular scientific work, specifying the branch of science, to which the candidate proposes more especially to devote himself.

(*g*) Statement as to whether or not the candidate will be prepared to accept a Probationary Bursary in the event of the Commissioners being unable to award a full Scholarship on the evidence submitted, and in the event of his being so prepared, a further statement as to his being unable to continue his studies without assistance.

As this University is required to certify the correctness of the above statement in the case of the candidate nominated, the statement must be accompanied by satisfactory evidence as to all particulars which are not in the University records. Thus age, attendance at other Universities or Colleges, and accounts of original researches conducted elsewhere, must be properly attested.

§ XXXV.—Course of Study for Degree of B. Mus.—The Course of Study includes, besides English and Acoustics, the following subjects:—Harmony, Counterpoint, Canon and Fugue, Form, and History of Music, for two years in each case, Instrumentation and Analysis of Scores, for one year.

Candidates shall be required besides attending the courses of instruction in the above subjects (§ XXIV.), performing the required class exercises and passing the examinations, to compose, themselves, the exercises specified below, and to give evidence of their ability as musical performers by playing before one or more of the Examiners, on the pianoforte or organ (pipe), the pieces of music mentioned below.

(2) The classes in the above subjects need not be taken in any one definite order and may be extended over more than three years, but students are recommended to take them in the following order:—

FIRST YEAR.—(1) Harmony in not more than four parts: (2) History of Music from 1600 to 1750; (3) Acoustics in so far as connected with the Theory of Music; (4) English.

SECOND YEAR.—(1) Harmony in not more than five parts; (2) Simple Counterpoint in two or three parts; (3) Canon in two parts, Imitation and Fugue in not more than three parts; (4) Form;

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Elementary Forms, Phrases, Periods, Open and Closed Forms; (5) Elements of Instrumentation; (6) History of Music from 1750 to the present time; (7) English.

THIRD YEAR.—(1) Single and double Counterpoint in not more than five parts; (2) Strict and Free Fugue in not more than five parts; (3) Form: Binary Form, Ternary Form, Rondo and Sonata; (4) Analysis of certain prescribed scores.

Exercises to be composed by the candidate: (*a*) A solo song with pianoforte accompaniment; (*b*) A four part vocal composition; (*c*) An instrument composition (other than a dance), for pianoforte, organ, or other stringed or wind instruments with pianoforte accompaniment.

The final examination in the practice of Music shall include one of the following groups:—

For the Pianoforte.

Prelude and Fugue in E. minor.....*Mendelssohn.*
C major Sonata (Waldstein).....*Beethoven.*
A ♭ major Polonaise.....*Chopin.*
D ♭ major Nocturne.....*Chopin.*
Concert-Etude No. 1, (Waldesrauschen).....*Liszt.*
Rhapsodie, No. 12.....*Liszt.*

For the Organ.

Prelude and Fugue in E major.....*Bach.*
Sonata in D minor (solo form).....*Merkel.*
Air with Variations and Fugato in A.....*Smart.*
Third Organ Sonata.....*Mendelssohn.*

§ XXXVI.—Short Courses of Study for General Students.—(1) For the benefit of students who may be unable to spend four full years at the University, but may be able to give full attendance for shorter periods, or to attend a small number of classes for a series of years, short courses of study have been arranged.

Students entering on these courses shall not be required to pass any preliminary examination; but they are recommended not to enter classes in which some knowledge of the subject is assumed, without first consulting the Professors as to their ability to enter with profit upon the work of the classes.

To students who attend the classes of these courses with regularity, show diligence in the class work, and succeed in securing positions on the Pass Lists, certificates shall be issued stating the nature of the course pursued, and the degree of success attained.

The details of the subjects studied in the classes mentioned below will be found under Courses of Instruction (§ XXIV.)

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(2) **Short Course for Teachers.**—This course is intended to provide a thorough systematic and practical training in education, together with a practical study of scientific subjects, such as will enable the student to present and illustrate such subjects adequately in the school.

It shall consist of the following classes (§ XXIV): Mental Science, Science of Education, History of Education and Practice, Chemistry, Practical Physics, Mineralogy and Geology, Physiology, Botany and Zoology, and Drawing.

Diploma of Literate in Education (L. E.)
This Diploma shall be awarded to students who have taken the above course, on the following conditions:

(*a*) Before entering upon it they must furnish evidence of general education, equal at least to that implied in the possession of the Grade XI (B) Certificate of the Nova Scotia Education Office.

(*b*) They must pass satisfactory examinations in the subjects of the classes mentioned above, and receive the favourable report of those who conduct practical classes on their practical work.

(*c*) In connection with the Class of Practice of Teaching, they must have spent at least 300 hours in practical work (including actual teaching and observation of teaching) under approved supervision; but a portion of this practical work may have been carried out in the summer vacation, provided it be under the supervision of teachers, approved by the Faculty.

(*d*) The Course in Drawing must include at least 200 hours in the class in Freehand Drawing and Modelling (§ XXIV (viii).)

(*e*) They must furnish certificates from teachers approved by the Faculty, of having attended a course of instruction of at least 30 lessons in Manual Training, and of having acquired proficiency both in this subject and in School Music (Tonic Sol-Fa notation.)—Instruction in both these subjects may be obtained in the City of Halifax.

§ **XXXVII.—Classes for Artisans.**—Classes are organized from time to time for artisans and other persons who are engaged in forms of work involving the application of scientific knowledge. These classes are usually held in the evening. Announcements with regard to them are made at the beginning of the Session.

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§ **XXXVIII.—Attendance.**—The regulations as to attendance of students are the same as in the Faculty of Arts. (See § IX, p. 55).

§ **XXXIX.—Class Exercises and Examinations.**—The regulations as to Class Exercises and Examinations are the same as in the Faculty of Arts. (See § X, p. 55).

§ **XL.—Residence, Church Attendance, and Discipline.**—The regulations as to residence, church attendance, and discipline, in this Faculty, are the same as in the Faculty of Arts. (See §§ XVI-XVIII, p. 61.)

§ **XLI.—The Degree of Bachelor of Engineering (B. E.)** shall be conferred on a Bachelor of Science who has taken the degree in one or other of the Departments of Engineering, at any date not less than one year after graduation, provided he satisfy the following conditions :—

(1.) He must furnish certificates from an engineer or engineers, approved for this purpose by the Faculty, showing that he has been engaged in practical work in some one department of engineering under their supervision for a period of at least two years, and that he has exhibited satisfactory diligence and progress. A part, or the whole, of this time may be spent in any approved Engineering School which possesses workshops or testing laboratories.

(2.) He must hand into the Faculty designs for some constructive work, prescribed by the Faculty, in the department in which he has been engaged in practical work, the designs to be accompanied by complete working drawings giving full details, and bills of materials and estimates. The designs must be accompanied by a declaration to the effect that he has received no assistance in preparing them ; and he shall be required to explain and defend them before the examiners.

(3.) Candidates for this degree must send their designs, &c., to the Dean of the Faculty on or before the first day of March, and must, at the same time, pay a fee of Twenty Dollars. In the event of the degree being granted, a further fee of Five Dollars is payable for the Diploma.

§ **XLII.—The Degree of Master of Science (M. Sc).**—The degree of Master of Science shall be conferred on a Bachelor of Science of at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research in some department of pure or applied science, or on his pass-

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ing an examination in a course of scientific study, appointed or approved by the Faculty, of about the extent represented by the academic work of one year of the B. Sc. Course. In the latter case no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University, or by private reading, and to adapt the courses to their individual tastes and capacities; but no course of study shall be approved unless it is confined either to one department of science, or to closely related departments.

Theses must be sent to the Dean of the Faculty on or before the first day of March. Examinations shall be held ordinarily at the time of the Spring Examinations; but in special circumstances they may be held in the autumn. Candidates must give one month's notice of their intention to appear for examination.

On transmitting the thesis, or on giving notice of intention to appear for examination, candidates must pay a fee of Five Dollars. In the event of the degree being granted a further fee of Five Dollars is payable for the Diploma.

§ XLIII.—Admission ad eundem gradum.—Graduates in Science or in Music of Universities approved by the Senate, who have received their degree in course, may be admitted *ad eundem gradum* in this University, on producing satisfactory proof of character and academic standing, and on payment of a fee of Ten Dollars.

§ XLIV.—Academic Costume.—Undergraduates and general students attending more than one class, are entitled to wear caps and gowns. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

Bachelors of Science, of Engineering, and of Music, and Masters of Science are entitled to wear gowns of black stuff and hoods. The distinctive part of the costume is the hood, which is to be as follows:

For B. Sc.—Black stuff, with a lining of white silk bordered with crimson silk.

For B. E.—Black stuff, with a lining of white silk bordered with purple silk.

For B. Mus.—Black stuff, with a lining of white silk bordered with lavender silk.

For M. Sc.—Black stuff, with a lining of scarlet silk.

Successful candidates for these degrees must appear at Convocation in the proper academic costume, to have the

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degrees conferred upon them. Degrees will be conferred in the absence of candidates only by special permission of the Senate.

§ **XLV.—Fees.**—The regulations as to fees payable by students for registration, gymnasium, classes conducted in the College, supplementary and special examinations, &c., shall be the same as in the Faculty of Arts (see § XXIII, p. 63); except that for classes conducted by two or more Lecturers a fee of Twelve Dollars is payable. For extra-mural classes the fees prescribed in the institutions in which they are held, must be paid. In the subjects of Anatomy, Physiology, and Histology, examination fees are payable (§ XXIV.)

The Degree Examination fees are as follows:

For B. E. Examination	$20 00
For Examinations in Music (B. Mus.), in each year of the course.	10 00
For M. Sc. Examination or report	5 00

The Graduation Fees are as follows:—

For B. Sc. Diploma	5 00
For B. E. Diploma	5 00
For M. Sc. Diploma	5 00
For B. Mus. Diploma	20 00
For an *ad eundem* Degree	10 00

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Faculty of Law.

THE PRESIDENT, *(ex-officio)*.
RICHARD C. WELDON, M. A., PH. D., D. C. L., K. C.
BENJAMIN RUSSELL, M. A., D. C. L., K. C., M. P.
C. SYDNEY HARRINGTON, K. C.
HECTOR MCINNES, LL. B.
GEORGE A. R. ROWLINGS, LL. B.
WILLIAM B. WALLACE, LL. B., J. C. C.
Dean of the Faculty—PROFESSOR WELDON.
Secretary of the Faculty—PROFESSOR RUSSELL.

§ XLVI.—Courses of Lectures.

The following Courses of Lectures to be given in the Session of 1902-03, will begin on the 3rd of September, 1902, and end on the 20th February, 1903:

CONSTITUTIONAL AND INTERNATIONAL LAW.

(George Munro Professorship.)

Professor.....R. C. WELDON, K. C.

Constitutional Law.

Two lectures per week.

Subjects of lectures:

Constitutional Conventions. Royal Prerogative. *Lex Parliamenti.* Colonial Laws Validity Act. Select Cases; Cartwright's Cases.

Constitutional History

Two lectures per week.

Subjects of Lectures:

Feudalism in England. Origin and growth of the two Houses of Parliament. Origin and Development of trial by Jury. Origin and Development of the Courts of Law. The Royal Prerogative. History of the Law of Treason. The Liberty of the Persson. The Liberty of the Press. History of Party Government. Origin and

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Development of the Cabinet System. History of the Reform Bills. The Written Code of the Constitution. *Magna Charta.* Petition of Right. Bill of Rights. *Habeas Corpus.*

Text-book: Taswell-Langmead's Constitutional History of England.

Conflict of Laws.

One lecture per week.

Subjects of lectures:

Leading rules as to (1) personal capacity, (2) rights of property, (3) rights of obligation, (4) rights of succession, (5) family rights, (6) forms of legal acts. The use of courts by strangers. The effect of foreign judgments. Select cases upon the Conflict of Laws.

Text-book: Nelson's Private International Law

International Law.

One lecture per week.

Subjects of lectures:

History of North Atlantic Fisheries, Convention of London, 1818. Territorial Waters. Treaty of Washington, A. D. 1871. Consuls. Commercial Treaties. Naturalization. Extradition. Blockade. Contraband. Intervention. Capture. Prize Courts.

Text-book: Hall's International Law.

CRIMES.

Lecturer ..... W. B. WALLACE, LL. B., J. C. C.

Two lectures per week.

Subjects of lectures:

Sources of Criminal Law. Offences against Public Order, internal and external. Offences affecting the administration of Law and Justice. Offences against Religion, Morals and Public Convenience. Offences against the Person, and Reputation. Offences against rights of property and rights arising out of Contract and offences connected with trade. Procedure Proceedings after conviction.

Text-book: The Canadian Criminal Code, 1892.

SHIPPING.

Lecturer.....PROFESSOR WELDON.

Subjects of lectures:

Registration of Shipping. Transfer. Mortgage. Bottomry and Respondentia. Charter Party. Bills of Lading. Collision. Damage. Salvage. Freight. Towage. General Average.

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CONTRACTS.

Professor.....B. RUSSELL, M. A., D. C. L, K. C. M. P.

Two lectures per week.

Subjects of lectures:

Definition of terms; agreement, consideration, proposal, acceptance, promise, &c. Persons who may contract. Principal and agent. Disabilities arising from infancy, coverture, lunacy, intoxication, &c. Express and implied contracts. Verbal and written contracts. Specialties, Statutory requirements as to validity and authentication of contracts; Statute of Frauds. Causes vitiating agreements; mistake, fraud, duress, &c. Discharge of contracts, recission, performance, payment, release, merger, &c. Leading cases.

Text-books: Finch's Cases, and Anson on Contracts.

EQUITY JURISPRUDENCE.

Lecturer.....PROFESSOR RUSSELL.

One lecture per week extending over two years.

Subjects of lectures:

Trusts, Mortgage, Frauds, Mistake, Specific Performance of Contracts, Administration of Assets, Election, Account, Discovery, Injunction.

Text-book: Smith, H. A.

SALES OF PERSONAL PROPERTY.

Lecturer.....PROFESSOR RUSSELL.

One lecture per week.

[1902-3.]

Subjects of lectures:

Capacity to buy and sell. Executed and executory contracts of sale. Statute of Frauds Lord Tenterden's Act. Rules as to passing of property. Reservation of *jus disponendi*. Stoppage *in transitu*. Condition. Warranty, express and implied. Remedies of seller and buyer.

Text-book: Benjamin on Sales.

NEGOTIABLE INSTRUMENTS.

Lecturer.....PROFESSOR RUSSELL.

One lecture per week.

[1903-4.]

Subjects of lectures:

Formal Requisites, Consideration. Indorsement and Transfer. Real and Personal Defences. Over-due Paper. Notice of Dishonor. Protest.

Text-book: McLaren on Bills.

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EVIDENCE.

Lecturer.....MR. C. S. HARRINGTON, K. C.

One lecture per week.

[1902-3.]

Subjects of lectures:

Nature of Proof. Production and Effect of Evidence. Relevancy. Instruments of Evidence.

Text-books: Greenleaf on Evidence; Judicature Act and Rules.

PARTNERSHIP AND COMPANIES.

Lecturer.....MR. C. S. HARRINGTON, K. C.

One lecture per week.

[1903-4.]

Subjects of lectures:

Constitution. Liability of partners *inter se* and to third persons, Change of firm. Retirement of partners. Dissolution. Mining ventures. Joint-stock Companies. Canada Joint-stock Companies Act.

Text-book: Lindley on Partnership.

PRACTICE AND PROCEDURE.

Lecturer.....MR. HECTOR MCINNES, LL. B.

Subjects of lectures:

Judicature Act and Rules, General Principles of Pleading, and Rules of Practice.

Candidates for the Degree of LL. B. are not required to attend lectures or take the examination in Procedure.

TORTS.

Lecturer.....MR. GEORGE A. R. ROWLINGS, B. A., LL. B.

One lecture per week.

Subjects of lectures:

Definitions. Torts considered with reference to Crimes and Contracts. Deceit. Slander and Libel. Malicious Prosecution. Conspiracy. Assault and Battery. False Imprisonment. Enticement and Seduction. Trespass to Property. Conversion. Violation of Water Rights and Rights of Support. Nuisance. Negligence.

Text-books: Bigelow, or Pollock.

REAL PROPERTY (First Year).

Lecturer.....

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WILLS.

Lecturer .....

One lecture per week.

Subjects of lectures :

WILLS.—History of Wills, Making of Wills, including Fraud, Mistake, Undue Influences, Contingent and Conditional Wills, Form and Execution of Wills, Revocation of Wills, Revival and Republication of Wills, Special Limitations and Conditions in a Will, their effects and legality, Office of Executor and Administrator, Estate of Executors and Administrators, Debts of Deceased, Devises, Legacies.

§ **XLVII.—The Academic Year.**—The Academic year consists of one session. The session of 1902-3 will begin on the 3rd of September, 1902, and end on the 27th of February, 1903.

§ **XLVIII.—Admission of Students.** — (1.) Students mayenter the University by (*a*) entering their names in the Register, and (*b*) paying the prescribed fees.

(2.) Registered students may, on payment of the proper fees, enter any of the classes of the University.

(3.) Students who wish to obtain University Degrees must become undergraduates. They may become undergraduates by (*a*) passing the Matriculation Examination of the Arts Faculty or a recognized equivalent, or (*b*) producing certificates of Articled Clerkship or the like in cases where they rely on having passed the preliminary law examinations in their several provinces, and (*c*) entering their names on the Register as Undergraduates.

(4.) Students who are not undergraduates are known as General Students

§ **XLIX.—Degree of Bachelor of Laws.**—(1.) All candidates for the Degree of LL. B., are required to pass the Matriculation Examination of the Arts Faculty, or a recognized equivalent, to attend not less than five-sixths of the lectures given in each subject of the course of study, to pass the prescribed Examinations in the subjects of the three years course of study, and to argue at least two cases in the Moot Court.

(2.) Graduates and undergraduates in Arts of any recognized College or University, and articled clerks or law students who have passed the preliminary law examinations in any of the Provinces of the Dominion of Canada, in Newfoundland,

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or in any of the British West India Islands, shall be admitted to the standing of Undergraduates of the First Year in the Faculty of Law, without passing an examination.

Students presenting themselves for the first time for registration as undergraduates in law must submit to the Dean their diplomas or certificates to establish their qualifications as graduates, undergraduates, or enrolled law students, respectively. Without such diplomas or certificates students cannot be registered as Undergraduates in law.

(3.) Undergraduates of other Law Schools may, on producing satisfactory certificates of standing, be admitted to similar standing in this Law School if they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the course on which they enter in the University. they may be required to take extra classes.

§ L.—Course of Study for the Degree of LL. B.

First Year.

1. Real Property.
2. Crimes.
3. Contracts.
4. Torts.
5. Constitutional History.

Second Year.

1. Equity.
2. Partnership and Companies.
3. Negotiable Instruments.
4. Constitutional Law.
5. Shipping.
6. Wills.

Third Year.

1. International Law.
2. Conflict of Laws.
3. Evidence.
4. Equity.
5. Sales of Personal Property.

The Faculty urgently recommend that students devote their whole time during Sessions to the work of the School, experience having proved that students who undertake office work in addition to the work of their classes, receive comparatively little advantage from the lectures. The Course having been very considerably enlarged, the Faculty apprehend that students who are doing regular office work during session, will find it quite impossible to pass with credit the required examinations.

§ LI.—Sessional Examinations. — (1.) The Sessional Examinations will begin next Session on February 20th, 1902.

(2.) Students are forbidden to bring any book or manuscript into the Examination Hall, except by direction of the

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Examiner, or to give or receive assistance, or to hold any communication with one another at the examinations. If a student violate this rule, he shall be excluded from the Sessional Examinations of the Session, and such other penalty shall be imposed as the Faculty may determine.

(3.) If an Undergraduate fail to pass in two subjects at the Sessional Examinations, he shall be allowed a supplementary Examination in such subject or subjects at the beginning of any subsequent Session.

(4,) If an Undergraduate fail to pass in more than two subjects at any Sessional Examination, he shall lose his Session.

(5.) Undergraduates who wish to present themselves at a Supplementary Examination, must give notice addressed to the Secretary of the Faculty, Dalhousie Law School, Halifax, on or before August 24th, 1902.

(6.) The Supplementary Examination for the present year will begin September 3rd, at 3 P. M. Fee $5, payable on the day of the Examination.

§ **LII.—Moot Courts.**—Moot Courts are held every week.

The case to be argued is stated by the Professor or Lecturer who is to preside. Every candidate for a degree shall be required to take part in at least two arguments at the Moot Court. The senior counsel on either side shall file briefs with the Dean one day before the day on which the case is argued. A record is kept of the values assigned to the arguments made, and these values may be considered by the Faculty in recommending a candidate for his degree.

§ **LIII. — Residence and Discipline.**—The regulations as to residence and discipline in this Faculty are the same as in the Faculty of Arts. See Arts Calendar.

§ **LIV.—Academic Costume.**—Bachelors of Laws are entitled to wear gowns and hoods. The gowns are similar to thoseworn by Barristers-at-Law. The hoods are of black silk stuff, with a lining of white silk broidered with gold coloured silk.

§ **LV.—The Library.**—The Library is in charge of a Librarian, who will endeavor to make its resources available to the Students. The Library will be found to contain almost all the reports an undergraduate will have occasion to consult. Students' text-books are not found in the Library.

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§ **LVI.—Fees.**—The following are the fees payable by students ofthe Faculty of Law. *They are in all cases payable in advance.*

Students are requested to pay their Class Fees and sign the University Register on Tuesday, 2nd September, 1902, at 10 A. M., in the office of the Law School.

Registration Fee, payable only by General Students	$ 2 00
Fee for each class attended, per Session, payable by General Students	10 00
Fee for each class attended, per session, payable by students of the Affiliated Course	6 00
Fee for the classes of the First Year, payable by undergraduates	40 00
Fee for the classes of the Second Year, payable by undergraduates	40 00
Fee for the classes of the Third Year, payable by undergraduates	40 00
Fee for LL. B. diploma, which is payable before the final examination, and will be returned in case of failure	10 00
Fee for the Supplementary Examination	5 00

Students of any year are permitted to attend lectures in the subjects of an earlier year without extra charge.

Students will not hereafter be admitted to the Lecture Rooms unless they have paid their class fees.

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Faculty of Medicine.

THE PRESIDENT, (*ex officio.*)

GEORGE L. SINCLAIR, M. D.	LOUIS M. SILVER, M. B., C. M.
DONALD A. CAMPBELL, M. D., C. M.	FRED. W. GOODWIN, M. D.
A. W. H. LINDSAY, M. D., C. M.	F. U. ANDERSON, M. R. C. S., Eng.
JOHN STEWART, M. B., C. M.	EBENEZER MACKAY, Ph. D.
DANIEL MCNEIL PARKER, M. D.	WILLIAM H. HATTIE, M. D.
ANDREW J. COWIE, M. D.	ANDREW HALLIDAY, M. B., C. M.
JOHN F. BLACK, M. D.	GEORGE M. CAMPBELL, M. D.
ALEXANDER P. REID, M. D.	NORMAN E. MACKAY, M. D.
MATTHEW A. CURRY, M. D.	STEPHEN M. DIXON, M. A.
MURRAY MCLAREN, M D.	H. H. MCKAY, M. D.
WILLIAM TOBIN, F. R. C. S., Ire.	MURDOCH CHISHOLM, M. D.
HON. MR. JUSTICE HENRY.	NORMAN F. CUNNINGHAM, M. D.

Dean of the Faculty: DR. SINCLAIR.

Secretary of the Faculty: DR. LINDSAY.

Correspondence should be addressed:

"*The Secretary, Faculty of Medicine,*
Dalhousie College, Halifax."

§LVII.—Courses of Instruction.*—1. Instruction is provided by the University in the following subjects of the Medical Curriculum:—

I.—CHEMISTRY.

(*McLeod Professorship.*)

Professor.....E. MACKAY, PH. D.

Junior Chemistry Class.

Mondays, Wednesdays and Fridays, 9—10 A. M.

CLASS WORK.—The lectures in this class deal in an elementary way with the principles of general chemistry. In the earlier part of the course the characteristic properties of common acids and bases are studied, and then the chemistry of fire, of water and of air, the order of historical development being followed as nearly as possible. When some acquaintance with chemical facts has thus been gained, the

*It is to be distinctly understood that the program and regulations regarding courses of study and examinations contained in this Calendar hold good for year ending April 30, 1903, only, and that the Faculty while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely for the whole four years of a student's course to the conditions now laid down.

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fundamental laws of combination are taken up and the atomic theory and chemical formulæ are introduced. Chlorine, nitrogen, carbon and some of their typical compounds are then studied, and thereafter the principal remaining elements, each in connection with the group of elements in the periodic system to which it belongs. Examinations, oral or written, are held fortnightly, and occasional written exercises are required.

LABORATORY WORK.—Every student is required to devote at least three hours a week to laboratory work. The laboratory course is designed to make the student familiar with ordinary laboratory operations and to lead him to solve simple problems in chemistry by experiment. Several common inorganic substances are prepared and studied; simple quantitative experiments are performed; and some time is devoted to elementary work in qualitative analysis.

Book recommended: Remsen's *Introduction to the Study of Chemistry* Macmillan & Co.), for both class and laboratory work.

Senior Chemistry Class.

Tuesdays, Thursdays and Saturdays, 9—10 A. M.

CLASS WORK.—The subjects of study in this class fall into two subdivisions: pure chemistry, taken up on Tuesdays and Thursdays, and the applications of chemistry to medicine, on Saturdays.

The subjects of study in pure chemistry are: determination of atomic and molecular weights; constitution of acids, bases and salts; classification and properties of the principal metals; compounds of carbon — their purification and analysis; the paraffins and their chief derivatives; ethylene; acetylene; benzene and its chief derivatives.

The subjects of study in medical chemistry are: the chemical properties and detection of the more commonly occurring poisons; the proximate principles of the body and of food; typical foodstuffs as milk, flour, bread, meat; the blood; the digestive fluids and digestion; the principal animal secretions, especially urine; the quantitative estimation of glucose, albumen, urea.

LABORATORY WORK.—All members of the class are required to devote at least three hours a week to laboratory work. This will include qualitative analysis and the preparation of pure reagents. Practice is given in the identification of the chief inorganic compounds of the following elements: arsenic, antimony, tin, bismuth, copper, mercury, lead, silver, iron, chromium, aluminium, manganese, zinc, magnesium, barium, calcium, potassium, sodium, chlorine, bromine, iodine, sulphur, nitrogen, phosphorus, carbon, boron; and the identification of the following organic compounds (not more than one such being present): acetic, tartaric, oxalic, hydrocyanic, salicylic and citric acids and their salts, alcohol, chloroform, chloral, glucose, cane sugar, starch, phenol, quinine, morphine, strychnine.

For students who can devote sufficient time to the subject a more extended laboratory course is given, including, in addition to the preceding, the preparation and study of typical organic compounds and the quantitative estimation of the chief constituents of urine.

Books recommended: For class use, Roscoe and Harden's *Inorganic Chemistry for Advanced Students* (Macmillan & Co.); Remsen's *Compounds of Carbon* (Macmillan & Co.); Halliburton's *Essentials of Chemical Physiology* (Longmans). For reference: Remsen's *Inorganic Chemistry, Advanced Course* (H. Holt & Co.). Reese's *Medical Jurisprudence and Toxicology* (Blakiston, Son & Co.). Hammarsten's *Text-book of Physiological Chemistry*, translated by Mandel (Wiley & Sons).

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CHEMICAL LABORATORY.

The chemical laboratory accommodates about one hundred students. A reference library is placed in the laboratory for the use of students doing analytical work.

Laboratory students are allowed the use of all the more inexpensive reagents. They are required to provide themselves with the more expensive reagents, as alcohol and ether, and they are charged with the value of apparatus they have broken or injured.

The laboratory is open to students of the Junior Class on Mondays, Wednesdays and Fridays from 10 to 11 a. m., and to students of the Senior Class on Tuesdays and Thursdays from 10 to 11 a. m., and on Fridays from 11 a. m. to 12 m.

II.—ELEMENTARY BIOLOGY.

(A.)—BOTANY.

Lecturer.....

Saturdays, 11—1 P. M.

The course in Botany will have special reference to the following subjects: Protoplasm and Plant-cells, the Tissue and Tissue Systems of Plants, Morphology of the Plant-body, Plant Physiology, the Principles of Classification and the Laws of Distribution, the Protophyta (Schizophyceæ), the Phycophyta (Chlorophyceæ and Phæophyceæ), the Carpophyta (Rhodophyceæ, Ascomyceteæ and Basidiomyceteæ specially), the Bryophyta (Moses and Liverworts), the Pteridophyta (Ferns, Horse-tails and Club-mosses), the Anthophyta (specially the Coniferæ, Gramineæ, Orchidaceæ, Liliaceæ, Urticaceæ, Labiatæ, Compositæ, Umbelliferæ, Rosaceæ, Leguminosæ, Cruciferæ, Ranunculaceæ). The Morphology and life history (the Anatomy, Histology and Development) of at least two common or representative species of each group of plants named above, in minute detail.

General attention will be given to the native *flora* of the province, with special notice of foreign as well as native species of interest from economic, medicinal or injurious properties.

The preliminary study of Botany as indicated in Grade IX of the Public School Course, and especially the formation of a local collection of plants, even if unnamed and unclassified, will be an advantage to any student entering upon the course.

Practical instruction will be given in the collecting, drying and mounting of specimens, the use of the microscope, the preparing of microscopic sections, and the general dissection of plants; and all students will be required to present a collection of at least 100 plants representing the local flora examined by them, together with their notes and drawings of microscopic work done during the session, as a portion of their terminal examination. The use in class of a number of microscopes will be granted the students under the care and direction of the lecturer; but a hand lens, glass slides, cover glasses, scalpels and other apparatus, and books necessary for each student, shall be supplied by each for himself.

(B.)—ZOOLOGY.

Lecturer.....A. HALLIDAY, M. B., C. M., D. P. H.

Tuesdays and Thursdays, 2—3 P. M.

The work of the class will consist of a course of lectures supplemented by practical work.

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The following subjects will be treated of in the lectures :—Organic and Inorganic Bodies ; Differences between Plants and Animals, Morphology, Physiology, Differences between Animals, Specialisation of Function, Morphological Type, Von Bær's Law of Development, Origin of Species, Homology, Analogy, Reproduction, Distribution in Time and Space, Evolution, Classification. Also the general characters of the several subkingdoms will be treated of as fully as possible.

The practical part of the course will consist of Dissections and Demonstrations, Microscopic, &c.

The object of the class will be to give such a comprehensive idea of the Animal Kingdom, as will form a good basis for anyone wishing to prosecute still further the study of Biology, or Comparative Anatomy and Physiology.

Text Books: Students' Manual by Parker Haswell; *Reference Text Books*: *Anatomy of Vertebrates and Invertebrates*, Huxley, 2 vols.; *Text Book of Zoology*, Claus & Sedgewick, 2 vols.

III.—MEDICAL PHYSICS.

Professor.....STEPHEN M. DIXON, M. A.

Tuesdays and Thursdays, 11 A. M.—12 M.

In this class a rapid survey of the subjects of Experimental Physics is taken, the sections treated being :—The properties of solids and fluids (including the elements of dynamics) ; sound ; heat ; light ; electricity and magnetism. The mode of treatment is inductive and quasi-historical, the generalisations and theoretical conceptions being worked up to, experimentally, but not systematically developed by deduction. The amount of mathematical knowledge assumed is therefore no greater than may be acquired in Grade B of the High School.

Members of the class, though required to work up the subjects treated in the lectures, are not expected to carry on any extensive private reading. But they will be expected to refer to works recommended by the lecturer in sections of the subject which have important practical application in medical study.

Books recommended for reference: Daniell's *Physics for Students of Medicine* (Macmillan & Co.) Robertson's *Physiological Physics* (Cassell & Co.) Jones' *Heat, Light and Sound* (Macmillan & Co.)

2. Students wishing to attend the above courses may do so either as General Medical Students without preliminary examination, or as regular Undergraduates in Medicine. In either case they must enter their names in the University Register at the beginning of the Session. By reference to §§VII and XXIX Undergraduates in Arts and Science will see how they at the same time may be registered with the Medical Faculty and so secure the benefit of certain classes of the Arts and Science Courses, as regular Undergraduates in Medicine.

3. In other subjects the necessary classes may be attended at any other University or College recognized by the Senate.

4. Attendance on classes by those registered as General Medical Students will not qualify for Degree Examinations in this Faculty except as provided in §LXII 1 (A) (2) c.

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5. Certificates indicating less than 90 per cent. of attendance upon any class will not be accepted without valid reason for absence being shown.

§ **LVIII.—The Academic Year.**—The Academic year consists of one session of eight months duration. The Session of 1902—1903 will begin on Thursday, August 28th, 1902, and end on Tuesday, April 28th, 1903.

§ **LIX.—Degrees.**—Two Medical Degrees are conferred by this University, viz., Doctor of Medicine (M. D.) and Master of Surgery (C. M.); but neither degree is conferred on any person who does not at the same time obtain the other.

§ **LX.—Matriculation Examination.**—1. Candidates for medical degrees must give evidence of having obtained a satisfactory general education, by presenting certificates of having passed, before entering on the course of study qualifying for the degrees, either the Preliminary Examination of the Provincial Medical Board of Nova Scotia, the Junior Matriculation Examination of this University, with Latin as one of the languages selected, or some other examination recognized by the Board as sufficient.*

2. The Examinations recognized *pro tanto* by the Provincial Medical Board will be similarly recognized by this Faculty.

3. Candidates who may have passed in all but one of the subjects required for the Preliminary Examination of the Provincial Medical Board either before the Board's Examiners or at any of the recognized Examinations indicated above, provided they shall have made at least 25% in such subject, may enter as undergraduates, but will subsequently be required to comply with the Board's regulations as regards the remaining subject of examination before being admitted to the classes of the second year.

§ **LXI.—Degree Examinations.**—1. Candidates for the degrees of M. D. and C. M. shall be required to pass two main examinations—the Primary and the Final M. D., C. M. Examinations—and to have satisfied at the dates of the examinations certain conditions as to fees, attendance on classes, etc. Tickets of admission will be issued to all candidates who have satisfied these requirements of the Faculty, which tickets shall be produced at each examination.

2. The Regular Degree Examinations will be held during the second and third weeks in April of each year.

3. At all examinations a minimum of 50% in each subject will be required to obtain a "*Pass*," except under the

*All information in reference to Requirements for the Preliminary Examination of the Provincial Medical Board, Exemptions, etc., may be obtained on application to the Registrar of the Board. Dr. A. W. H. Lindsay, 241 Pleasant Street, Halifax.

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conditions specified in §LXIII, 4. Candidates making 75% or over in any subject shall be indicated in the published class lists as having "*Passed with distinction.*" The names in the two divisions of the class lists and in the general pass lists shall be placed in simple alphabetical order.

4. Should the candidate fail to pass or to hand in a paper in any subject or subjects at the Regular Examinations, his fee will not be returned to him, but he will be permitted a *supplementary* examination in such subject or subjects on payment of $5.00 for each subject, with or without evidence of further attendance on said subject or subjects as the Faculty may direct.

5. A candidate who has been prevented by exceptional circumstances from presenting himself at the Regular Examinations may by special permission of the Faculty be allowed a *special* examination, but such examination shall only be allowed at the dates specified in the University Almanac for the supplementary examinations, and the fee shall be $5.00 for each subject of examination.

6. Candidates are not permitted to present themselves for examination in selected subjects, but are required to take each section as hereafter defined (§§ LXII—LXIII) as a whole, except (*a*) Candidates obtaining the special permission of the Faculty; (*b*) Students taking one of the affiliated courses (§ LVII, 2).

In either case the fee will be $5.00 for each subject, and such examination shall only be allowed at the dates specified in the University Almanac for the supplementary or the regular examinations.

7. Candidates who have been granted supplementary examinations, will be required to pay the examination fee, whether they take the examination in the Autumn or at the time of the regular April examinations.

§ LXII. Primary M. D., C. M. Examination.*

1. This examination shall consist of two parts as follows:

(A.) Primary Examination, Sect. A.

(1.) This examination shall include Anatomy, Chemistry, Elementary Biology, and Medical Physics, to the extent indicated in the following synopsis :—

Anatomy.

A written examination on Osteology, including general physical characters, chemical composition and coarse structure of bone. Ossification. Arthrology; classification of Joints, structure and mechanism of the most important, (hip, knee, shoulder, elbow, ankle, etc.)

* See foot note p. 98.

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Chemistry.

Elementary general chemistry, as in the course of the Junior Chemistry Class, outlined on pp. 98, 99.

Elementary Biology.

Candidates will be expected to show a practical acquaintance with the topics indicated as forming the subject matter of the courses of lectures and instruction in Botany and Zoology, outlined at pp. 100, 101.

Medical Physics.

A written examination on the subject-matter included under this heading at p. 101.

(2.) Candidates for this examination shall be required to produce certificates to the following effect:

(*a*) Of having passed the Preliminary Examination of the Provincial Medical Board of Nova Scotia, the Junior Matriculation Examination of this University with Latin, or other examination recognized as sufficient, at least one academic year previously, and of having completed their sixteenth year before the passing of said examination.

(*b*) Of having, after passing the Preliminary Examination or other equivalent examination, attended either in this University, or in some other University or College approved by the Senate, during at least one medical session of eight months duration a course in *Anatomy*, (*Osteology and Arthrology*) of at least 75 lectures and demonstrations with 10 hours laboratory work per week for six months.

(*c*) Of having, either before or after passing the Preliminary Examination or other equivalent examination attended either at this University, or at some other University or College approved by the Senate, the following courses of lectures and instructions, viz., *Chemistry*, a course of at least 75 lectures with a laboratory course of not less than three hours per week for six months; *Elementary Biology*, a course of at least 100 hours of lectures and laboratory work; *Medical Physics*, a course of at least 50 lectures.

(3.) Exemption from examination in any or all of these subjects may be allowed on production of satisfactory certificates.

(B.) Primary Examination, Sect. B.

(1.) This examination shall include Anatomy, Physiology and Histology, and Chemistry, to the extent indicated in the following synopsis:

Anatomy.

This examination will be partly written and partly *viva voce*. The paper may include questions in Descriptive and Regional Anatomy, Surgical and Medical Anatomy. At the oral examination, candidates will be examined on the skeleton, recent dissections, models, preparations, etc.

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Physiology and Histology.

A written and an oral examination on: (*a*) The physiology of digestion, absorption, circulation, respiration, secretion, nutrition, animal heat, animal motion; the functions of the nervous system and sense organs; reproduction and development.

(*b*) The composition of food, and of the tissues, secretions, excretions, and other fluids of the body.

(*c*) Histology.

At the oral examinations microscopical preparations of the tissues and organs of the body will also be submitted for identification and description.

Chemistry.

Inorganic, organic and medical chemistry as in the course of the Senior Chemistry Class, outlined on page 99. The examination will include: (*a*) A written paper. (*b*) A practical examination in the laboratory. (*c*) An oral examination, in which questions may be put to candidates upon the entire work of the Junior and Senior courses.

(2.) Candidates for this examination shall be required to produce certificates to the following effect:

(*a*) Of having passed the Preliminary Examination, or other examination recognized as sufficient, at least two academic years previously, and of having completed their sixteenth year before the passing of said examination.

(*b*) Of having passed in the subjects of the first part of the Primary Examination either at this University or at some other University or College recognized by the Senate.

(*c*) Of having, after passing the Preliminary Examination or other equivalent examination, attended either in this University, or in some other University or College approved by the Senate, during at least two medical sessions each of eight months' duration, the following courses of lectures and instruction, viz.: *Senior Anatomy*, a course of at least 75 lectures and demonstrations with 10 hours laboratory work per week for six months; *Senior Chemistry*,* a course in Organic and Medical Chemistry of 75 lectures with a laboratory course of not less than 3 hours per week for six months; *Physiology*, a course of at least 75 lectures; *Histology*, a course of at least 75 hours of lectures and laboratory work.

(3) (*a*) Candidates who have not passed Sect. A. of the Primary Examination may by special permission of the Faculty be allowed to complete their Primary Examination in both sections at the same time.

(*b*) Exemption from Examination in any or all of the subjects* of the Primary Examination, may be allowed on production of satisfactory certificates.

* In Chemistry, exemption from further attendance or from further examination may be allowed although the Preliminary Examination may not have been taken previous to the attendance or the passing of the examination in that subject.

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2. The Primary M. D., C. M. Examination will be held in the second and third weeks in April. Candidates are required to hand in their applications and to transmit as far as possible the certificates specified above for Sect. A or Sect. B, as the case may be. to the Secretary of the Faculty at least fourteen days before the date of the examination, and the remainder of the required certificates not less than two days before the date of the examination, to enter their names in the Register of Undergraduates of the University before the date of the examination, and to pay before the date of the examination, one-sixth of the amount of the graduation fee in the case of candidates for Sect. A, and one-third of the graduation fee in the case of candidates for Sect. B.*

§ LXIII.—Final M. D., C. M. Examination.†—

1. This Examination shall also consist of two parts as follows:

(A.) Final Examination, Sect. A.

(1.) This Examination will include the following subjects:—Materia Medica, Pharmacy, and Therapeutics; Pathology and Bacteriology; Medical Jurisprudence and Insanity, and Hygiene.

Materia Medica, etc.

This examination will be partly written and partly oral. The candidates will require to possess a knowledge of:

(*a*) The general nature and composition, and the most important physical and chemical characters of the Pharmacopœial drugs, named in the annexed Schedule.

(*b*) The composition of the Pharmacopœial preparations of these drugs, and the process employed in making them.

(*c*) The doses, therapeutical uses and modes of administration of these drugs and their preparations; writing prescriptions.

At the *oral* examination candidates will also be required to recognize the drugs indicated by *italics* in the annexed Schedule:

Liquor Chlori; *Calx Chlorinata;* Liquor Sodæ Chloritatæ.
Bromum; Ammonii Bromidum; *Potassii Bromidum;* Sodii Bromidum.
Iodum; Potassii Iodidum; Sodii Iodidum; Plumbi Iodidum
Sulphur Sublimatum; Sulphur Præcipitatum; Calx Sulphurata; Potassa Sulphurata.
Phosphorus; Calcii Phosphas; Sodii Phosphas; *Ferri Phosphas;* Calcii Hypophosphis; Sodii Hypophosphis.
Acidum Hydrochloricum; Acidum Nitricum; Acidum Sulphuricum.
Acidum Aceticum; Acidum Citricum; Acidum Tartaricum.
Acidum Boricum; Acidum Sulphurosum.
Acidum Hydrocyanicum Dilutum.
Liquor Ammoniæ; Liquor Potassæ; Liquor Sodæ; Potassa Caustica; Soda Caustica.
Ammonii Carbonas; Ammonii Chloridum; Liquor Ammonii Acetatis.
Potassii Bicarbonas; Potassii Sulphas; Potassii Chloras; Potassii Tartras Acida: *Potassii Permanganas.*

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* Candidates exempted from Sect. A of the Primary Examination will be required to pay one-half of the graduation fee before being admitted to Sect. B.

† See foot note p. 98.

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Sodii Bicarbonas ; Sodii Sulphas ; Sodii Nitris ; Borax.
Calx ; Calcii Hydras ; Creta Præparata ; Calcii Carbonas Præcipitata.
Magnesia ; Magnesii Carbonas ; *Magnesii Sulphas.*
Alumen ; Alumen Exsiccatum.
Zinci Oxidum ; Zinci Chloridum ; *Zinci Sulphas.*
Cupri Sulphas.
Argenti Nitras.
Hydrargyrum ; Hydrargyri Oxidum Flarum ; Hydrargyri Oxidum Rubrum ; Hydrargyri Subchloridum ; Hydrargyri Perchloridum : Hydrargyri Iodidum Rubrum ; Hydrargyrum Ammoniatum ; Liquor Hydrargyri Nitratis Acidus.
Plumbi Oxidum ; Plumbi Acetas ; Liquor Plumbi Subacetatis.
Antimonium Tartaratum.
Acidum Arseniosum ; Ferri Asenias ; Sodii Arsenias ; Arsenii Iodidum ; Liquor Arsenii et Hydrargyri Iodidi.
Bismuthi Subnitras ; Bismuthi Carbonas ; Bismuthi Citras.
Ferrum ; *Ferri Sulphas ; Ferri Sulphas Granulata ;* Ferri Sulphas Exsiccata ; Syrupus Ferri Subchloridi ; *Ferri Carbonas Saccharata ;* Syrupus (et Pilula) Ferri Iodidi ; Liquor Ferri Acetatis ; Liquor Ferri Perchloridi ; Liquor Ferri Pernitratis ; Liquor Ferri Persulphatis ; Ferri Peroxidum Hydratum ; Liquor Ferri Dialysatus ; *Ferri et Ammonii Citras : Ferri et Quininæ Citras ; Ferrum Tartaratum ; Ferrum Redactum.*
Alcohol æthylicum ; *Spiritus Hectificatus ;* Spiritus Tenuior.
Æther ; Chloroformum ; Iodoformum.
Chloral Hydras ; Butyl Chloral Hydras ; *Paraldehydum ;* Sulphonal.
Amyl Nitris ; Tabellæ Nitroglycerini ; Liquor Trinitrini ; *Spiritus Ætheris Nitrosi.*
Acetanilidum ; Phenacetin ; Phenazonum.
Collodium.
Acidum Carbolicum ; Acidum Salicylicum ; Sodii Salicylas.
Aconiti Radix et Folia ; Aconitina.
Opium ; Morphinæ Hydrochloras ; Morphinæ Acetas ; Morphinæ Sulphas ; Liqnor Morphinæ Bimeconatis ; Apomorphinæ Hydrochloras ; Codeina.
Coca ; Cocainæ Hydrochloras.
Jaborandi ; Pilocarpinæ Nitras.
Quassiæ Lignum ; Calumbæ Radix ; Gentianæ Radix.
Physostigmatis Semen ; Physostigmina.
Caffeina ; Caffeinæ Citras.
Conii Fructus et Folia.
Asafœtida ; Ammoniacum ; Myrrha ; Guaiaci Resina.
Cinchonæ Cortex ; *Cinchonæ Rubræ Cortex ; Quininæ Sulphas ;* Quininæ Hydrochloras.
Salicinum.
Ipecacuanha ; Senegæ Radix.
Glycerinum.
Nux Vomica ; Strychnina.
Belladonnæ Radix et Folia ; Atropina ; Atropinæ Sulphas ; Hyoscyami Folia ; *Stramonii Semina* et Folia ; Homatropinæ Hydrobromas.
Cannabis Indica.
Digitalis Folia ; Strophanthus.
Oleum Ricini ; Oleum Crotonis ; *Aloe Barbadense ; Aloe Socotrina ; Aloin ;* Rhamni Purshiani Cortex ; *Colocynthidis Pulpa ; Elaterium ;* Elaterinum ; *Jalapa ;* Podophylli Rhizoma ; *Rhei Radix ; Senna Alexandrina et Indica ; Camphora ; Oleum Terebinthinæ.*
Acidum Tannicum ; Acidum Gallicum ; Kino ; Catechu ; Hamamelidis Cortex et Folia.
Acidum Benzoicum.
Copaiba. Cubeba. Buchu Folia.

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Colchici Cormus et Semina.
Scilla.
Filix Mas. *Santoninum.*
Ergota.
Oleum Morrhuæ. *Cantharis.*

Medical Jurisprudence and Insanity, and Hygiene.

The Examination will be partly written, partly oral. Candidates will be examined on the following topics:

Forensic Medicine.

I. Examination of Persons found Dead, with reference to:—(1) Identification; (2) Time of Death; (3) Cause of Death.

II. Violent causes of Death:—(1) Drowning; (2) Strangulation; (3) Suffocation; (4) Mechanical Injuries and Wounds.

III. Poisons and Poisoning:—(1) Symptoms and post-mortem appearances in cases of poisoning by the following agents:—Inorganic—Mineral Acids; Solutions of Alkalis; Copper; Lead; Mercury; Antimony; Arsenic; Phosphorus. Organic—Oxalic Acid; Carbolic Acid; Opium; Strychnine; Belladonna; Aconite; Chloroform; Chloral Hydrate; Cyanides. (2) Duties of medical men in cases of Poisoning as regards observation; Treatment and Preservation of parts for Analysis. (3) Preliminary Tests for Poisonous Substances for Clinical Use before reference to an Analyst.

IV. Medico-legal points in connection with:—Pregnancy, Delivery, Rape, Criminal Abortion, Infanticide, Assaults and Homicide, Wounds and other external Injuries; Mental Capacity in relation to Criminal Responsibility, Contracts, and Wills; Malpractice, and Neglect of Duty.

V. Forms of Insanity. Examination of persons supposed to be insane. The Lunacy Laws in so far as they affect the Medical Practitioner when signing Certificates of Lunacy.

Hygiene.

I. Water, in its relation to Health and Disease:—(1) The Character and Classification of Drinking Water. (2) The Causes and Sources of the Impurities found in Water and Methods of Purification. (3) The Diseases conveyed by Water, and the Methods of dealing with Epidemics of such Diseases.

II. Air, in relation to Health and Disease:—(1) The Causes and Sources of the Impurities found in Air. (2) The Diseases conveyed through the Air. (3) The Quantity of Air necessary for Health; the Principles of Ventilation.

III. Soil, in relation to Health and Disease:—(1) The Causes and Sources of the Impurities in the Soil, and the Methods of dealing with them. (2) Diseases connected with the Soil. (3) The Methods of dealing with Excreta and Sewage.

IV. Food, in relation to Health and Disease:—(1) Dietetics. (2) The common Adulterations of the chief Articles of Diet. (3) Diseases connected with Deficiency or Impurity of Food-supply.

V. The Dwelling, in relation to Health and Disease:—The Principles of House Drainage.

VI. The Principles of Disinfection, and the mode of Action of the chief Disinfecting Agents.

VII. The Provisions of "The Act for the Notification of Disease."

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Pathology and Bacteriology.

The Examination will be partly written, partly *viva voce*. Candidates will be expected to possess a knowledge of :—

(*a*) *General Pathology*, including Degenerative Processes. Inflammation, Morbid Growths, etc.

(*b*) *General Etiology*, with reference to Parasitic and Infective Diseases.

(*c*) *Systematic Pathology*, the more important diseases of the principal systems and organs of the body.

(*d*) *Bacteriology*, to include the General Morphology and Life History of Micro-Organisms ; Characters of Organisms Pathogenic to the Human Subject, and their modes of producing diseases, etc.

At the oral examination candidates will be examined on gross and microscopical preparations, and will be expected to possess a knowledge of the Preparation of Culture Media, Methods of Isolation and Cultivation, Staining, Separation of Bacterial Products, Inoculation.

(2.) Candidates for this examination shall be required to furnish certificates to the following effect, viz. :

(*a*) Of having passed the Preliminary Examination, or other examination recognized as sufficient, at least three academic years previously, and of having completed their sixteenth year before the passing of said examination.

(*b*) Of having passed the Primary M. D., C. M. Examination at this University, or of having passed an equivalent examination at some other University or College recognized by the Senate.

(*c*) Of having, after passing the Preliminary Examination, or other equivalent examination, attended at some University or College approved by the Senate, during at least one medical session of eight months' duration, the following courses of lectures and instruction, viz. :—*Materia Medica*, a course of at least 75 lectures ; *Therapeutics*, a course of at least 25 lectures ; *Medical Jurisprudence* (*including Insanity*), a course of at least 50 lectures and demonstrations ; *Hygiene*, a course of at least 25 lectures and demonstrations ; *Pathology and Bacteriology*, a course of at least 150 hours of lectures, demonstrations and laboratory work.

(*d*) Of having, after passing the Preliminary Examination, or other equivalent examination, attended at some University or College, approved by the Senate, one course of instruction of at least thirty lessons in Practical Dispensing, or under the same conditions had three months' practice in the dispensing of drugs with a registered apothecary or dispensing medical practitioner ;

(B). Final Examination, Sect. B.

(1.) This Examination will include the following subjects :—Surgery, Clinical Surgery, Medicine, Clinical Medicine, Obstetrics and Diseases of Women and Children.

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Surgery.

The Examination in this subject will be partly written and partly *viva voce*. The candidates will be expected to possess a knowledge of the Principles and Practice of Surgery, of Surgical Pathology, Surgical Anatomy, and Operative Surgery. They will also be examined on the more common Diseases of the Skin, of the Eye, Ear, Throat, and Nose.

Clinical Surgery.

This Examination will be partly practical and partly oral. Cases will be submitted for diagnosis and treatment. Candidates will also be examined on the application of Splints and Bandages, and on the uses of Surgical Instruments and Appliances.

Medicine.

In this subject there will be a written and an oral examination on the Clinical History, Causes, Diagnosis, Prognosis and Treatment of the Diseases of the different Systems and Organs of the Body. The examination will also include Infectious Diseases, Constitutional Diseases, Mental Diseases, and Diseases of the Nervous System. Candidates may also be questioned on Medical Anatomy and on Therapeutics.

Clinical Medicine.

The Examination in Clinical Medicine will be partly practical and partly oral. Patients will be submitted for Examination, Diagnosis and Treatment. Examination of specimens of Urine, Sputa, etc., will be required.

Obstetrics and Diseases of Women and Children.

In these subjects there will be a written and an oral examination, which will embrace the following :—

(*a.*) The Anatomy and the Physiology of the Female Organs of Reproduction.

(*b*) The Physiology, Pathology and Therapeutics of Pregnancy.

(*c*) Parturition, natural and morbid.

(*d*) Hygiene, Pathology and Therapeutics of the Puerperal State.

(*e*) Hygiene, Pathology and Therapeutics of Infancy and Childhood.

(*f*) Special Pathology and Therapeutics of the Female Organs of Reproduction.

At the oral examination, candidates may also be questioned on Gynæcological Operations and the use of Instruments and Appliances.

(2) Candidates for this examination will be required to furnish certificates to the following effect, viz. :

(*a*) That they have completed their twenty-first year, or that they will have done so, on or before the day of graduation. This certificate shall be signed by themselves, and shall be after the following form :

HALIFAX, ..., 19....

I, the undersigned, being desirous of obtaining the Degrees of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, (or if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day).

(Signed), A. B.

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(*b*) Of having passed the Preliminary Examination, or other equivalent examination, at least four academic years previously, and of having completed their sixteenth year before the passing of said examination ;

(*c*) Of having passed the Primary M. D., C. M. Examination at this University, or having passed an equivalent examination at some other University or College recognized by the Senate ;

(*d*) Of having passed the First Part (Sect. A) of the Final Examination at this University ;

(*e*) Of having, after passing the Preliminary Examination, or other equivalent examination, fulfilled the following requirements :

α. Attended at some University or College recognized by the Senate, two courses of at least 75 lectures each in each of the following, viz. : *Surgery, Medicine, Obstetrics and Diseases of Women and Children, Clinical Surgery, Clinical Medicine ;* and one course of at least 25 lectures and demonstrations in *Ophthalmology, Otology and Laryngology* ;

β. Attended at some University or College recognized by the Senate, a course in Operative Surgery, and of having performed operations on the dead body to the satisfaction of the Teacher* ;

γ. Attended during at least eighteen months the practice of the Victoria General Hospital, or that of some other General Hospital approved by the Senate, or attended such hospital practice for twelve months with at least six months additional attendance on the practice of a recognized Dispensary, or of the out-patient department of an approved Hospital ;

δ. Attended at a recognized Hospital or Dispensary courses of practical instruction of at least 25 lessons or demonstrations each in Medicine and in Surgery, including :— the methods of examining various organs and other parts of the body, in order to detect the evidence of disease or the effect of accidents—the employment of instruments and apparatus used in diagnosis or treatment, the examination of the Urine and other secretions, and of morbid products ;

ε. Served at least six months as a dresser in the Surgical wards, and six months as a Clinical Clerk in the Medical wards of a recognized Hospital, and reported at least 10

* Blank certificates will be issued to candidates, which must be filled out and signed by the proper authorities.

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Medical and 10 Surgical cases, or of having done other equivalent practical work in Surgery and Medicine.*;

ζ Attended at least four cases of midwifery, under a recognized practitioner*;

η. Attended the Post Mortem Examinations in a recognized Hospital for a period of at least six months, during which they have received practical instruction in the methods of making Post Mortem Examinations and in framing Reports. Such certificate to be accompanied by reports of at least six autopsies which the candidate has attended.

θ. Received instruction and attained proficiency in the practice of Vaccination, under a recognized medical practitioner.*

(3) Candidates who have not passed Sect. A. of the Final Examination may by *special* permission of the Faculty be allowed to complete their Final Examination in both sections at the same time.

2. The Final M. D., C. M. Examination will be held in the second and third weeks in April. Candidates are required to hand in their applications and to transmit as far as possible the certificates specified above for Section A or Section B, as the case may be, to the Secretary of the Faculty, at least fourteen days before the date of the Examination, and the remainder of the required certificates not less than two days before the date of the Examination, and to enter their names in the register of undergraduates before the date of the examination, and to pay before the date of the examination, one-sixth of the amount of the graduation fee in the case of candidates for Section A, and one-third of the graduation fee in the case of candidates for Sect. B.

3. Candidates who may have been exempted from passing the Primary Examination under the provisions of § LXII. 1, (A) (3), (B) (3) (*b*) will be required to pay the balance of the full graduation fee before being admitted to the last part of the Final Examination.

4. A candidate having failed to make 50% in any subject of Sect. B of the Final Examination will also be required to pass again in any other subject in which he may have made less than 60% with or without evidence of further attendance on such subject or subjects as the Faculty, in their discretion,

*Blank certificates will be issued to candidates, which must be filled out and signed by the proper authorities.

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may determine. At all such Supplementary Examinations candidates are required to make at least 60% in each subject.

§**LXIV.—Medals and Prizes.**—MEDICAL FACULTY MEDAL.—This Medal will be awarded on graduation to the student who stands first at the Final M. D. C. M. Examination (Section B)., provided he shall have obtained distinction in at least three of the five subjects of examination.

DR. LINDSAY'S PRIZE.—A Prize of Books will be awarded to the student who stands first among those taking Section B of the Primary M. D. C. M. Examination, provided he shall have obtained distinction in at least two of the three subjects of examination.

THE SIMSON PRIZE.—An Annual Prize of twenty-five dollars is offered by Frank Simpson, Esq., to be awarded to the student who, at the end of his third year, has passed the best examinations in Chemistry, Practical Chemistry, Materia Medica and Therapeutics.

§ **LXV.—Residence.**—All students are required to report their place of residence to the President on or before the day appointed in the University Almanac (October 14th.)

All students not residing with relatives or friends are required to reside in lodging houses approved by the President.

§ **LXVI.—Discipline.**—The Senate may use all means deemed necessary for maintaining discipline.

§ **LXVII.—Academic Costume, etc.**—1. Undergraduates and general students attending more than one class, are entitled to wear caps and gowns at lectures and all meetings of the University. The forms prescribed are the Oxford undergraduate gown of black stuff with sleeves; and the black trencher with tassel.

2. Doctors of Medicine of this University shall be entitled to wear black stuff gowns and hoods. The hoods shall have a lining of scarlet silk bordered with white silk.

3. Successful candidates for this degree shall be required to appear at Convocation in academic costume to have the degrees conferred upon them. Degrees shall not be conferred in the absence of the candidate, except by special permission of the Senate.

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4. Before receiving his degree, the candidate will be required to sign the following oath or affirmation :

SPONSIO ACADEMICA.

In facultate Medicinæ Universitatis Dalhousianæ.

Ego, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo :—me in omni grati animi officio erga Universitatem Dalhousianam ad extremum vitæ halitum, perseveraturum. Tum porro Artem Medicam caute, caste, probeque exercitaturum et quoad potero, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum. Quae denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita praesens mihi spondenti adsit Numen.

§ **LXVIII.—Fees.**—The following fees, payable by students and candidates for the degrees of M. D., C. M., are in all cases payable in advance.

Registration	$ 2 00
Junior Chemistry Class Fee (including Laboratory Fee)*	10 00
Senior " " " "	12 00
Elementary Biology Class Fee (including use of microscopes and reagents)	12 00
Physics	6 00
Graduation Fee†	30 00
Gymnasium Fee, by all male students attending the University	1 50

*All students taking classes in the chemical laboratory are required to make a deposit of Three Dollars on entering the class. This amount, or if charges for breakage have been incurred, what remains of it after such charges have been deducted, is returned to the student at the end of his laboratory course,

† Students who have paid $30.00 or upwards as Examination Fees are not required to pay an additional Graduation Fee.

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Institutions.

THE UNIVERSITY LIBRARIES.

At Convocation, April 27th, 1867, a vigorous appeal was made on behalf of a Library Fund by the Rev. G. M. Grant and others. John Tobin, M. P. P., offered a subscription of $200, Dr. Tupper, Provincial Secretary, Dr. Avery, J. A. Sinclair and Rev. G. M. Grant promised $100 each, and Errol Boyd, Curator of the college, subscribed $25. His Excellency the Governor, Sir Frederick Williams, capped the list with $400. A complete list of the subscribers is given on page 11.

In the Calendar for 1869-70 a section on the Library, apparently drafted by Prof. Macdonald, Secretary of the Senate, appears for the first time. "Through the liberality of a number of friends of the College, a library has been formed, which consists of a careful selection of the most useful works in each department of study embraced in the University course. There are likewise a few works in general literature. The library embraces in all upwards of 1100 volumes." Ten years later the number of books did not exceed 2000; twenty years afterwards there were but 3250 volumes; thirty years later 8050 volumes were reported; to-day the Arts Library contains about 11000 volumes and about 2800 pamphlets.

Within a year of the organization of the Faculty of Law, 3000 volumes were presented for a Law Library. This Library is under the control of the Law Faculty and now numbers about 6550 volumes. See § LV. of the Calendar relating to that Faculty.

The Arts Library contains the MacKenzie Collection of works on Mathematical and Physical Science, which was presented to the College by the relatives of the late Professor J. J. MacKenzie; the Robert Morrow Collection of works on Northern Antiquities and Languages, presented by Mrs. Robert Morrow; the Seth Collection of Philosophical works, purchased with the proceeds of a course of public lectures on Psychology given by Professor James Seth; the DeMille Memorial, presented by Professor MacMechan from the proceeds of a course of Lectures on Shakspere; the Lawson Library, presented by the daughters of the late Professor George Lawson, LL. D.; the McCulloch Collection, from the Library of the Late Rev. W. McCulloch, D. D.; the Edwin

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P. ROBINS MEMORIAL COLLECTION of Philosophical books; and the MACDONALD LIBRARY presented by the son of the late Professor Charles Macdonald, M. A.; also the following CLASS MEMORIAL COLLECTIONS:—

Class of 1894 : Classical Dictionaries.
Class of 1895 : Sophocles' Plays and Bacon's Works.
Class of 1896 : Jesuits' Relations.
Class of 1897 : Dryden's Works, and Economics.
Class of 1898 : Standard Editions of Plato and of Aristotle.
Class of 1899 : New English Dictionary, General Literature.
Class of 1900 : Dictionary of National Biography.
Class of 1901 : Mathematical and Physical Books.

The additions to the Library since May, 1901, number 1022, of which about 400 are pamphlets and reports.

Mr. Charles M. Macdonald, son of the late Professor Macdonald, gave a large part of his father's Library to the College.

A movement, to provide a suitable memorial of the late Professor Macdonald, has been begun by the students and graduates of the college. It is proposed to collect $25,000, and should the results warrant it to erect a Library Building and provide an endowment for the Library. The movement is confined to the former students and intimate friends of the late Professor Macdonald. Already the students at present in the Colleges have subscribed $5500 to be paid in ten years.

The Alumni Association has given about $340 worth of books to the Library during the past session. The set of the *Fortschritte der Physik*, through their liberality, has been brought down almost to date. The earlier part of the set came from the Library of the late Dr. J. J. MacKenzie, the later from Dr. MacGregor's.

The Class memorials are the most important contributions to the Library. The set of the *Jesuits' Relations*, seventy-three volumes in all, is now complete, and to its cost the class of 1896 has contributed $210. Two more volumes have been added to the new English Dictionary. This is part of the gift of theclass of 1899 whose total contributions have now reached the large sum of $248.50. The Class of 1901 gave $101.84 which has been expended largely on Mathematical and Physical Books. The gift of the Class of 1902—$100 (with more promised)—will be devoted to the purchase of the books most urgently needed. These gifts reflect the greatest credit both on the givers and the College that has such generous students.

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Mr. W. B. Ross, K. C., gave Bowring's Standard Edition of Bentham's Works; Dr. Forrest several valuable books on Local History. The grant from the Medical Faculty brought in several volumes to the Biological section. Mrs. J. Duffus gave 53 volumes of the *Illustrated London News*, nearly all of which are bound. Dr. G. U. Hay, F. R. S. C., presented over 100 volumes of French and German texts. From the Hon. R. Boak 38 volumes of Nova Scotia Journals and Laws were received. A Friend presented a valuable set of Hasting's *Dictionary of the Bible, and Map.*

The handsome portrait of our generous benefactor, George Munro, which was painted by J. Colin Forbes, and presented by Mrs. G. W. Schurman, Mr. Munro's younger daughter, has been placed in the Arts Library.

Miss Eliza Ritchie, Ph. D., who does not let a year pass without sending some valuable gift, this year presented the Library with two rare views of Halifax about 1805, formerly in Dr. Almon's collection.

The following graduates have presented copies of their publications to the "Dalhousie Corner." Dr. A. S. MacKenzie: *On the Period of a Rod vibrating in a Liquid;* Dr. MacGregor: *Inaugural Address;* E. H. Archibald, M. Sc.: *A Study of Growing Crystals, and Decomposition of Mercurous Chloride;* T. C. Hebb, M. A.: *On the Determination of the Freezing Point Depression Constant for Electrolytes;* Dr. D. A. Murray: *On the Study of Mathematics.*

The following have presented books or pamphlets:— G. U. Hay, D. Sc., F. R. S. C., 111 vols.; Alumni Association, 73; Mrs. J. Duffus, 53; Dr. MacGregor, 41; Mrs. R. Nelson, 40; Hon. R. Boak, 38; Macmillan & Co, 25; Class of 1901, 22; Dr. Forrest, 19; Class of '96, 13; Class of '99, 11; W. B. Ross, K. C., 11; Medical Faculty, 8; Dr. MacMechan, 6; K. F MacKenzie, B. A., 4; W. T. M. MacKinnou, B. L., 3; Miss E. Ritchie, Ph. D., A. H. R. Fraser, LL B., T. Nelson and Sons, Early English Text Soc., Pierre de Coubertin, Dr. A. P. Reid, Prof. E MacKay, Prof. W. Murray, 2; W. MacGillivray, W. S., Bank of N. S., R. E. Walker F. G. S., Copp Clark Co., Longmans, Miss E. M. Read, B. A., G. M. Acklom, M. A., J. Lanos, M. L., H. T. Newcomb, R. W. Ells, G. Patterson, M. P. P., Aberdeen University, Glasgow University, Rev. Dr. Sedgewick, J. H. Austen, Rev. T. Fowler, J. Stirling, B. A., Prof. Dixon, Rev. Dr. Falconer, T. C. Allen & Co., W. R. MacKenzie, B A., 1 each.

Reports have been received from—Dominion Government, 12; Meteorological Department, and Belgian Government, 10;

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Department of Agriculture, 9; Geological Survey, 8; Congressional Library, 6; University of N. Y. State, 6; Smithsonian Institution and British Government, 5 each; Manitoba Historical and Scientific Society, and Toronto University, 4; Toronto Public Library, and British Columbia Government, 3; U. S. Naval Observatory, Num. and Antiq. Soc., Ontario Government, Harvard University, Dublin University, 2 each; Nova Scotia Historical Society, U. S. Marine Hospital, N. B. National Society, Manitoba Government, Royal Society of Canada, Cambridge University Library, Bryn Mawr, Medical Council, G. B., Halifax Local Council of Women, McGill University, P. E. I. Government, School for the Blind, Deaf and Dumb Institution, 1 each.

Calendars and reports have been received from the following Universities and Colleges:—Edinburgh; Glasgow; Aberdeen; St. Andrew's; Dublin; London; Durham; Bristol; Victoria; Dundee; St. Mungo's; Trinity Coll., Lond.; Lond. Hosp. and Med. Coll.: Sydney; Melbourne; Buenos Ayres; Princeton; Yale; Harvard; Michigan; Columbia; Columbian; California; Pennsylvania; Johns Hopkins; Cornell; Chicago; Brown; Smith; Lake Forest; Bryn Mawr; Mass. Institute of Technology; Vassar; Nebraska; Detroit; Mt. Holyoke; Manitoba; Toronto; McMaster; Queen's; McGill; Bishop's College; Trinity; Victoria; Laval; Ottawa; Presbyterian Theol. Coll., Halifax; New Brunswick; Mount Allison; Acadia; King's; Prince of Wales: St. Joseph's; St. Dunstan's; St. Francis Xavier; St. Boniface; Niagara Falls; Antigonish; Wesleyan Theol. Coll., Mont; Auburn and Hartford Theol. Seminaries; Halifax Ladies' Coll.; School of Mining, Kingston.

Periodicals have been regularly placed on the Reading Tables and in many cases given to the Library by the following:—Prof. D. Murray: *Fortnightly* and *Science;* Prof. Dixon: *Nineteenth* and *Nature;* Prof H. Murray: *American Review of Reviews, McClure, Cosmopolitan;* Prof. Falconer: *Spectator;* Prof Weldon: *Forum;* Prof. MacMechan: *Monthly Review* and *Academy;* Prof. W. Murray: *Nation, Int. Jo. of Ethics; Psychol. Rev.; Philos. Rev.; Educational Review, N. Y.;* Prof. E. Mackay: *Weekly Times, Popular Science Monthly;* A. H. R. Fraser, Esq. LL. B.: *American Historical Review, English Historical Review;* from other sources: *Classical Review, Educational Review, N. B.; Book Reviews, Economic Studies, Publications of American Economic Association.*

The Library has been open five days each week of the session from 10 to 1 and from 3 to 5 p. m. About 3600 books were taken out from May, 1901, to May 1902 Between 50 and 60 readers per day made use of the Library. Students have free access to all catalogued books.

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Stock was taken in November. In addition to those previously reported, 38 books were missing, but of these 25 have been recovered. Also 3 of those reported missing previously have been recovered. The net loss for the year is thus 9. Last year it was 10. The number of books on catalogue April 15th, 1893, was 4284, May 1902, about 7900. During the interval 171 titles were removed from the Catalogue, though only 27 represented lost books. The total number of books reported missing May, 1894, was 66; May, 1902, 111 —an increase of 45. These, with the 27 removed from the Catalogue, make a loss of 72 for eight years.

Mr. Garnett Sedgewick discharged the duties of Assistant to the Librarian in a very efficient manner.

Abstract of Current Class Memorial Accounts:

CLASS OF 1896.

Receipts.

1901, May 8.	Reported to date	$182 50
1902, May 10.	From R. M. MacGregor	27 50
		$210 00

Expenditures.

1901, May 4.	Reported to date	$202 50
1902, May	Burrows Bros	50 73
		$253 23

CLASS OF 1899.

Receipts.

1901, May 8.	Reported to date	$231 50
1902, May 10.	From A. H. S. Murray	17 00
		$248 50

Expenditures.

1901, May 8.	Reported to date	$210 60
1902, May 10.	T. C. Allen	20 95
		$231 55

CLASS OF 1901.

Receipts.

1901, May 4.	From E. K. Harvey	$100 50
	Interest	1 34
		$101 84

Expenditures.

1902, May.	T. C. Allen	$64 10

CLASS OF 1902.

Receipts.

1902, April.	From K. F. MacKenzie	$100 00

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Thanks to the kindness of Professor Dixon, the Library is now supplied with Electric lights.

The Library Committee for the session 1902-3 consists of the incoming Librarian, Professor D. A. Murray, and Professors MacMechan and Walter Murray.

THE UNIVERSITY MUSEUM.

The Museum* consists chiefly of the THOMAS MCCULLOCH and the PATTERSON COLLECTIONS.

THE THOMAS MCCULLOCH COLLECTION was presented to the University in 1881, by the late Rev. William McCulloch, D. D., of Truro, with a fund of $1,400 for extending the collections. It formed the museum of Prof. Thomas McCulloch, who occupied the chair of Natural Philosophy from 1863 to 1865. It contains a large and valuable collection of birds, especially of the native birds of the Maritime Provinces, many specimens of minerals, especially of Nova Scotian species, also rock specimens, a set of Carboniferous fossils, chiefly Nova Scotian, and a collection of European Cretaceous fossils, Indian implements, shells of recent Mollusca, native plants, &c. These collections were made in part by Rev. Thomas McCulloch, D. D., the first president of the College. The McCulloch collection of birds has recently been increased by additions paid for out of the McCulloch Museum Fund. An arrangement has been made with Mr. T. J. Egan, by which his valuable collection, containing about 30 cases of native birds, has been placed in the Museum on loan.

THE PATTERSON ARCHÆOLOGICAL COLLECTION. — This collection of Indian Antiquities was made by the late Rev. George Patterson, D. D., LL. D., F. R. S. C., while engaged during a number of years in researches regarding the history and modes of life of the aborigines of Nova Scotia. The collection was presented by him to the College in 1889, on the condition that the Governors should make suitable "provision for the preservation and exhibition of the same, in such a manner as is usual in well managed Museums." It is kept as a separate collection. It contains 288 specimens, separately catalogued, and is arranged conveniently for reference. About 250 of the specimens have been obtained in Nova Scotia. They illustrate the stone age of its aboriginal inhabitants, and form an almost complete representation of the articles usually found among the remains of the native races of North America.

* The Provincial Museum, in the New Provincial Building, contains collections illustrating the Mineralogy, Geology, and Zoology of the Province, and is open to the public daily. It may be conveniently used by students.

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There are also a number of similar articles from the United States, Scotland. the West Indies, and especially the New Hebrides. The classified catalogue of the collection, which is arranged according to the method adopted in the description of the archæological collections of the Smithsonian Institution, contains full particulars of the localities where the several specimens were obtained.

The Zoological Section of the Museum, containing between 500 and 600 specimens, has been catalogued by Dr. A. Halliday, Lecturer on Zoology.

During the year, Mr. H. S. Poole, Lecturer in Geology, has done much work in classifying and arranging the Geological material in the Museum.

The Geological Survey Department, Ottawa, presented in December a collection of 125 Mineralogical and Geological specimens.

THE GYMNASIUM.

All male students on paying the regular fee of one dollar and fifty cents are entitled to the services of the Instructor and to the use of the Gymnasium. During the past session instruction was given by Sergt.-Major Long.

In future the Gymnasium will be under the management of a Committee of Six, of whom three are to be appointed by the Senate and three by the Dalhousie Amateur Athletic Club. The representatives of the Senate for the session 1902-3 are President Forrest, Professors Liechti and H. Murray.

Dr. George M. Campbell and Dr. W. D. Forrest have been appointed examining Physicians for the College.

THE ALUMNI ASSOCIATION.

(Incorporated 1876.)

EXTRACT FROM THE LAWS.

1. The object of the Association shall be the promotion of the interests of the University.

2. The Association shall consist of Ordinary and Associate Members.

3. All Graduates of the University, all persons who, during at least one academic year, have been registered students, either of Dalhousie College or of other colleges which have been merged in or united with Dalhousie College, and all other persons who have at any time been educated by means of the funds of Dalhousie College, shall be eligible for ordinary membership. But no persons other than graduates shall

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become members until three years have elapsed from the date of their first entering the college, except by special permission of the Executive.

4. Persons not eligible for membership under Section 3 may be elected Associate members.

ABSTRACT OF MINUTES OF ANNUAL MEETING.

The Thirtieth Annual Meeting of the Association was held in the College in the afternoon of April 28th, the President, Mr. J. W. Logan, in the chair.

The President gave his address, and the reports of the Executive, the Treasurer, the Dean of the Science Faculty, and the Local Branches were received and adopted.

The membership of the Association has been increased during the year by 32 members, making the total number 233.

The Treasurer's statement, given below, shows the financial standing of the Association :—

THE ASSOCIATED ALUMNI OF DALHOUSIE COLLEGE *in account with* S. A. MORTON, *Treasurer.*

1901.	RECEIPTS.	
April 29.	By Balance	$275 22
Aug. 21.	D. K. Grant, M. A., as Treasurer of another Fund	50 00
" "	Prof. J. G. MacGregor, Special Contribution	20 00
Oct. 7.	D. D. Hugh, M. A., " "	19 75
Nov. 4.	Graham Creighton, " "	25 00
Dec. 16.	A Member, " "	25 00
1902.		
Mar. 31.	Prof. D. A. Murray, " "	12 00
Apr. 8.	Dr. G. M. Campbell, " "	30 00
" 24.	F. J. A. McKittrick, B. Sc., " "	22 00
" 26.	The Late J. M. Carmichael, B. A., Special Contribution,	20 00
" "	MacGregor Banquet Committee, Special Contribution	27 33
" "	Members' Dues from April 29, 1901 to date	180 06
		$706 36

1901.	DISBURSEMENTS.	
June 1.	Nova Scotia Printing Company	$ 8 50
" 27.	Postage on the "Special Appeal" letter	2 00
Aug. 21.	Prof. MacGregor for the Science Faculty	61 22
" 27.	" Mackay " " "	100 00
Dec. 24.	" " " Geology Class	50 00
1902.		
Feb. 4.	Prof. Mackay for the Science Faculty	155 15
Mar. 25.	W. J. Leahy, Secretary for postage	5 00
April 26.	Deficit on entertainment to graduating classes, April 28, 1898	5 00
" "	Balance	319 49
		$706 36

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Dr. E. Mackay, Dean of the Science Faculty, reported that a set of the *Fortschritte der Physik* had been purchased from Dr. MacGregor at a cost of $250—Dr. MacGregor contributing $25.00. This periodical is invaluable for students engaged in the research work required by the 1851 Exhibition Scholarship. He also reported that the grant in aid of the work of the Class in Geology had been expended in books and appliances; and that Mr. Poole's course had been very successful.

Reports from the Local Branches in New Glasgow and Cape Breton were received. The Cape Breton Branch has been organized very recently and gives promise of being very successful. The officers of the Cape Breton Branch are:

Hon. President.....CHAS. S. CAMERON.
President.....G. A. R. ROWLINGS.
Vice-Presidents.....R. F. PHALEN, for Cape Breton County.
E. A. MACLEOD, for Victoria "
G. W. MACKENZIE, for Richmond "
DR. C. E. MCMILLAN, for Inverness "
Secretary.....J. W. G. MORRISON.
Treasurer.....F. I. STEWART.
Executive Committee.....CHARLES S. CAMERON, A. D. GUNN, REV. J. A. MCGLASHEN, DR. S. J. MCLENNAN and W. S. THOMPSON.

The Macdonald Memorial Fund, which is at present receiving hearty and generous support, was discussed and heartily commended.

After addresses by President Forrest, R. J. Wilson, W. E. McLellan, editor of the *Chronicle*, and others, the following resolutions were passed unanimously:

Resolved, That we, the members of this Association, hearing with great pleasure of the steps that are being taken by the Colleges of King's and Dalhousie in the direction of union—steps which we understand have in view the larger union, if found possible, of all the Colleges of the Maritime Provinces—take this our first opportunity, of placing on record our hearty approval of such measures, promising to such a scheme all the support which it is in our power to give, and expressing the hope that early and complete success may attend the efforts of those who are working towards this end.

Resolved, That this Association heartily approve of and support the action of the Cape Breton Branch in calling the attention of the authorities of this University to the necessity of pressing the claims of the Eastern Provinces of Canada upon the executors who are carrying out the provisions of the will of the late Cecil J Rhodes, and they hope that the different Colleges of the Province will co-operate.

The grants in aid of the work of the Science Faculty were increased.

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The following officers were elected for the ensuing year :—

President ..... J. W. LOGAN, B. A.
1st Vice-President ..... E. D. FARRELL, M. D.
2nd Vice-President ..... D. A. MURRAY, PH. D.
Secretary ..... W. J. LEAHY, LL. B.
Treasurer ..... S. A. MORTON, M. A.
Other Members of Exec. Committee .. E. MACKAY, PH. D.; GRAHAM CREIGHTON.; J. H. TREFRY, M. A.; G. M. CAMPBELL, B A., M. D.; L H. CUMMING, LL. B.
Auditors ..... W. A. LYONS, LL. B.; H B. STAIRS, B. A., LL. B.

STUDENTS' SOCIETIES.

University Students' Council.

Meetings are held regularly in November and February to conduct business in which all the students of the University are interested. Special meetings may be called by the President at any time.

President ..... E. A. MACLEOD, B. A.
Vice-Presidents ..... W. H. COFFIN.; G. H. GORDON.; J. S. LAYTON, B. A.
Secretary-Treasurer ..... G. M. J. MACKAY.
Executive Committee ..... J. M. MILLAR.; W. M. CORBETT.; J. W. WELDON, B. A.; A. C. GILLIS.
Reading Room Committee ..... W. M. CORBETT.; G. G. SEDGEWICK.; A. H. S. MURRAY, M. A.; W. H. ROSS.; D. W. MACKENZIE, B. A.; D. M. SMITH.

The DALHOUSIE GAZETTE is published by the students of the University under the authority of the Council.

The following have been appointed by the students of the Arts and Science Faculties as Editors for 1901-02 :—

G. G. SEDGEWICK, (Arts, '03).
H. J. FRASER, (Arts, '03).
W. H. COFFIN, (Arts, '03).
A. H. S. MURRAY, M. A , (Law, '03)
T. M. PHELAN, (Law '03).
W. M. CORBETT, (Arts, '04).
J. C. BALLEM, (Arts, '04).
C. J. DAVIS, (Arts, '05).
J. W. WELDON, B A.,(Law, '03).
A. R. CUNNINGHAM, B. A. (Med. '04).

Financial Editor ..... A. M. YOUNG.

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Others will be appointed at the opening of the Session by the Lady Students, and the Students of the Faculties of Law and Medicine.

Art Students' Society.

This Society meets in October and April to conduct business in which the Arts Students alone are interested. Special meetings may be called at any time by the President.

OFFICERS.

President.....W. H. Ross.
Vice-President.....T. G MacKenzie.
Secretary-Treasurer.....C. W. Matheson.
Executive Committee.....R. H. Sutherland. J. L. Acham. C T. Baillie.

Law Students Society.

The Society meets once a month for the transaction of business of interest to the Law Students.

OFFICERS.

President.....N. J. Lockhart, B. A.
Vice-President.....J. W. Weldon, B. A.
Secretary-Treasurer.....A. H. S. Murray, M. A.
Executive Committee.....E A. Macleod, B. A. G. O. Cheese, B. A. W. R. Macdonald.

The Mock Parliament.

The Mock Parliament meets weekly. All students of the University are welcome, but only students in law are allowed to take part in the debates, which are mostly of a political nature, on questions of the day. It is conducted strictly in accordance with parliamentary procedure.

Speaker.....F. B. A Chipman, M. A.
Deputy Speaker.....T. M. Phelan, M. A.
Clerk.....H. P. O. Savary.

The Medical Debating Club.

The meetings of this Society are held weekly throughout the session. Topics of general interest are discussed, and papers on medical subjects are read.

OFFICERS.

President.....D. G. J. Campbell.
Vice-President.....F. Lessel.
Secretary.....D. W. MacKenzie, B. A.
Treasurer.....J. C. Morrison.

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Executive Committee..... A. M. HEBB, B. A.
T. L. POTTER.
F. B. DAY.
J. I. O'CONNOR.

Librarian..... J. R. MILLAR, M. A.

The Sodales Debating Club.

The Sodales Debating Club meets fortnightly during the session, subjects of general interest being discussed. A series of lectures by prominent public men will be given under the auspices of the club.

OFFICERS.

Honorary President ..... PROF. J. LIECHTI.
President..... J. W. WELDON, B. A.
Vice-President ..... D. MCLEAN.
Secretary..... J. BARNETT.
Treasurer..... C. J. CROWDIS.

Executive Committee..... A. R. MACBAIN, (Arts).
W. C. ROBERTSON, (Law).
J. S. LAYTON, B.A , (Medicine).
N. M. BAXTER, (Science).

Lecture Course Committee..... E. A. MACLEOD, B. A.
D. W. MACKENZIE, B. A.
R. C. WELDON, Jr.
G. W. LANGILLE.
H. H. BLOIS.

Young Men's Christian Association.

Meetings of the Association are held every Saturday even ing at the College.

OFFICERS.

President..... L. L. YOUNG.
Vice-President ..... A. E G. FORBES.
Recording Secretary..... J. G. MEEK.
Corresponding Secretary..... C. J. CROWDIS.
Treasurer..... H. D. BRUNT.

Young Women's Christian Association.

Meetings of the Association are held every Monday afternoon at 5 o'clock.

OFFICERS.

President..... WINIFRED M. WEBSTER.
Vice-President ..... FLORENCE BLACKWOOD.
Treasurer ..... MABEL MCCURDY.
Recording Secretary..... ESTELLA BURRIS.
Corresponding Secretary..... JEAN LINDSAY.

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The Moot Court.

The Moot Court is intended for law students only, so far as arguing is concerned. It is conducted as nearly as possible after the manner of the Supreme Courts ; and all law students of second and third years' standing are required to take part in at least one case during the session. (See Law Faculty).

The Dalhousie Amateur Athletic Club.

Honorary President.....REV. PRESIDENT FORREST.
President.....A. H. S. MURRAY, M. A.
Vice-President.....D. M. SMITH.
Secretary.....C. T. BAILLIE.
Honorary Treasurer.....G. S. STAIRS.
Executive Committee.....E. A. MACLEOD, B. A.; J. W. WELDON, B. A.; G. O. CHEESE, B. A.; L. B. MACKENZIE, B. A.; C. MACDONALD.
Trophy Committee.....J. MALCOLM; G. S. STAIRS.
Grounds Committee.....J. A. MACKINNON, B. A., LL.B.; R. T. MACILREITH, LL. B.; J. C. O'MULLIN, LL. B.
Auditors.....J. S. LAYTON, B. A.; W. M. CORBETT.

The Glee Club.

The Club meets once a week for the practice of glees and choruses.

OFFICERS.

Honorary President.....PROF. D. A. MURRAY.
President.....A. M. YOUNG.
Vice-President.....LOUISE L. THOMAS.
Secretary-Treasurer.....G. A. CHRISTIE.
Executive Committee.....MAY MACDOUGALL; ETHEL STUART; PRIMROSE CAMPBELL; E. M. FLEMING; A. H. S. MURRAY, M. A.; A. R. CUNNINGHAM, M. A.
Conductor.....C. B. WIKEL.
Accompanist.....ALLAN P. LAING.

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The Delta-Gamma Society.

The Delta-Gamma Society meets bi-monthly during the session. All lady students are eligible for membership. Debates are held, and literary programmes are prepared.

OFFICERS.

President.....E. MAY MACDOUGALL.
Vice-President.....PRIMROSE CAMPBELL.
Secretary.....HATTIE M. BAYER.
Treasurer.....JOYCE HARRIS.

AFFILIATED COLLEGES.

Halifax Ladies' College.

President.....REV. ROBERT LAING, M. A.

Principal.....MISS ETHELWYN PITCHER, B. A.

The object of the College is to provide a liberal education for young women. It has three departments of study,—the Primary, the Preparatory, and the Collegiate.

In the Collegiate department the course of study extends over three years, and includes English, French, German, Latin, Greek (optional), Mathematics and Elementary Science. The teaching staff in this department is as follows:

MISS ETHELWYN PITCHER, B A, with Hons. in Philosophy (McGill), *Mathematics.*

REV. CLARENCE MACKINNON, M. A, B. D., (Edinburgh), *Practical Ethics.*

MRS. J. S. TRUEMAN, M.A., (Dalhousie), *History, Literature and Latin.*

MISS ELIZA HUNTER, B. A., (New Brunswick University), *English and Preparatory Department*

MISS SUSAN B. GANONG, B A., (Smith College), *Science.*

MLLE. MARGUERITE PASQUET, Brevet Supérieur de l'Academie de Paris, *French and German.*

MISS J. E. F. MCKENZIE, B. A., (McGill), *English.*

MISS IRENE H. HAWKINS, (School of Expression, Boston), *Elocution.*

MISS JEAN CAMERON, (Boston Cooking School), *Domestic Science.*

SERGT. MAJOR LONG, (Army Gym Staff), *Gymnastics and Calisthenics.*

MISS M. E. FLETCHER, *Stenography and Typewriting.*

MISS MYRA SMITH, *Stenography.*

MISS HELEN MOWAT, *Art.*

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Young women who have completed the three years' course are admitted to the first year in the Arts and Science Faculties in this University without examination in subjects which formed parts of the course.

The College Buildings, which include a Hall or Residence as well as Class Rooms and Assembly Hall, are situated in a central part of the City of Halifax, at a distance of about three-quarters of a mile from Dalhousie College. Young women who are registered students of Dalhousie College are admitted to the Ladies' College as boarders. The conditions of admission and the charges may be ascertained on application to the President.

The College has an Art Studio in which instruction in Fine Art is given by Mr. H. M. Rosenburg, Head Master of the Victoria School of Art and Design.

Halifax Conservatory of Music

President..... Rev. Robert Laing, M. A.

FACULTY OF INSTRUCTION.

Piano—Mr. Percy Gordon, Royal Conservatory at Leipsic.

" Mrs. M. Wallace.

" Mr. J. H. Logan, Royal Hochschule at Berlin, and pupil of Godowsky.

" Mr. Delbert Webster, New England Conservatory, Boston.

" Miss Helen Tilsley, Royal Conservatory at Leipsic.

" Miss Esther Clark, Halifax Conservatory of Music.

" Miss Louise C. Tupper, Halifax Conservatory of Music.

" Miss Annie Layton, Halifax Conservatory of Music, and pupil of Godowsky.

Fletcher Music Method—Miss Annie Layton.

Violin—Mr. Edson W. Morphy, New England Conservatory of Music.

" Miss Beatrice Whidden, Royal Conservatory at Leipsic.

Voice—Mr. Charles B. Wikel, New York.

" Miss Mabel L. Davis, Boston.

Organ—Mr. Percy Gordon.

" Mr. J. H. Logan.

Viola—Mr. Edson W. Morphy.

'Cello—Mr. Delbert Webster.

Clarionet—Mr. Harry Hanson.

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Cornet—MR. T. L. COVEY.

Flute, Mandolin and Guitar—MR. JAMES IVIMEY.

String Bass—MR. HENRY STREETER.

Theory and Composition—MR. PERCY GORDON.

Harmony—MR. PERCY GORDON.

" MR. DELBERT WEBSTER.

History of Music—REV. ROBERT LAING, M. A.

The classes in Theory, Composition, and Harmony, conducted by Mr. Gordon, and in History by Rev. R. Laing, are recognized by this University as qualifying for the Degree of Bachelor of Music.

The Conservatory opens on the first WEDNESDAY of SEPTEMBER, and closes on the last WEDNESDAY OF JUNE in each year.

Applications for information should be addressed to the President, REV. ROBERT LAING, *Halifax, N. S*

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University Lists.

DEGREES

Conferred September 18th, 1901.

DOCTOR OF LAWS.

(Honoris Causa.)

PROFESSOR J. GORDON MACGREGOR, LL. D., F. R. S. In recognition of his eminent services to this University, and of his important contributions to Physical Science.

MASTER OF ARTS.

SAMUEL NAPIER ROBERTSON, B. A.—*By Examination in Modern Languages*

BACHELOR OF SCIENCE.

WILLIAM EDGAR STEWART.

DOCTOR OF MEDICINE AND MASTER OF SURGERY.

HAROLD CAMERON. WILFRID NORTHRUP COCHRAN.

Conferred April 29th, 1902.

DOCTOR OF LAWS.

(Honoris Causa)

MARTIN JOSEPH GRIFFIN, *Librarian to the Parliament of Canada.* In recognition of his contributions to Literature.

REV. ROBERT MURRAY, *Editor of the Presbyterian Witness.* In recognition of his distinguished services to Journalism.

MASTER OF ARTS.

REV. WILLIAM JAS. ARMITAGE, B. A.—*By Examination in Philosophy.*

JEAN FAIRBANKS FORREST, B. A.—*By Examination in the Philosophy of J. S. Mill, and Ethics.*

EDITH MACGREGOR READ, B. A.—*By Examination in Pure and Applied Mathematics.*

WILLIAM MCDONALD GRANT, B. A.—*By Examination in Philosophy.*

DAVID ALEXANDER LAWSON, B. A.—*By Examination in Political Economy.*

DUNCAN HUGH MCKINNON, B. A.—*By Examination in Philosophy of Religion and Ethics.*

BACHELOR OF ARTS.

REGINA ALICE BENTLEY ....Halifax.

JESSIE BELL CAMPBELL.....Baddeck.

CLARENCE VICTOR CHRISTIE.....Halifax.

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GEORGE ARCHIBALD CHRISTIE .....Halifax.
ERNEST WILLIAM COFFIN .....Charlottetown, P. E. I.
ERNEST MARTIN FLEMING.....Great Village.
THOMAS TRUMAN FULTON.....Bass River.
JEAN ANNA MAY GORDON.....River John.
IRVING BRASS HOWATT.....French River, P. E. I.
DOUGLAS MCINTOSH, B. Sc.....Montreal.
WILLIAM GEORGE MCKEEN .....Mabou.
KENNETH FERNS MACKENZIE .....Truro.
WILLIAM ROY MACKENZIE.....River John.
MARGARET HUTTON MOODY .....Halifax.
BERTHA LEILA MORRISON.....Dartmouth.
ALEXANDER JOHN WILLIAM MYERS .....Lake Verde, P. E. I.
DANIEL JOHN NICHOLSON.....Englishtown, C. B.
ANNIE MACK RAND .....Canaan.
LOPHEMIA RICHARSON .....Truro.
JOHN FRANKLIN RIELLY .....Summerside, P. E. I.
GEORGE HERBERT SEDGEWICK.....Middle Musquodoboit.
ROBERT MCLEOD SHAW.....Penobsquis, N. B.
ROBERT HENSLEY STAVERT ....Clark's Mills, P. E. I.
MARY ETHEL STUART..... .....Truro.
LOUISE LORNE THOMAS .....Truro.
FREDERIC SMITH VANCE.....Folly Village.

BACHELOR OF LETTERS.

JEANETTE AUBREY CANN .....Yarmouth.

BACHELOR OF SCIENCE.

LORAN ARTHUR DEWOLFE .....West Gore, Hants Co.
GEORGE MUNRO FORREST .....Halifax.
THOMAS CARLYLE HEBB, M. A.....Bridgewater.
MURDOCH ALEXANDER LINDSAY .....Halifax.

BACHELOR OF LAWS.

JOHN PHILIP WISER BILL, B. A. (Acadia) .Wolfville.
ARCHIBALD CLEMENT CALDER .....Campobello, N. B.
FRANK BEVERLEY A. CHIPMAN, M.A.(Acad).Kentville.
WILLIAM JAMES HARRIS .....Halifax.
HARRY IRWIN .....Shelburne.
NATHAN JOSEPH LOCKHART, B. A., (Acad)..Pownal, P. E. I.
WILLIAM RODERICK MACDONALD .....Guysboro.
ROBERT ALEXANDER REID .....St. John's, Nfld.
EDGAR NELSON RHODES, B. A. (Acadia)..Amherst.
JOHN WILLIAM PRINGLE RITCHIE, B.A.(Tor.)Halifax.
RICHARD ANDERSON SQUIRES.....St. John's, Nfld.
PENNYMAN JOHN WORSLEY, B. A. (Dal.)..Halifax.

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DOCTOR OF MEDICINE AND MASTER OF SURGERY.

CHARLES CLIFFORD ARCHIBALD .....Harmony.
ROSS LIVINGSTONE BLACKADAR .....Hebron.
LORRIS ELIJAH BORDEN, *B. A.*, (Dal.)...Sheffield Mills
CLARENCE PATRICK PURCELL CAMERON ..St. Peter's, C. B.
DUNCAN GEORGE JOSEPH CAMPBELL.....Halifax.
JAMES LYALL COCK .....Truro.
JAMES ROBERT CORSTON, *B. A.*, (Dal.)...Halifax.
SILAS ARTHUR FULTON .....Truro.
WILLIAM CECIL HARRIS .....Sheffield Mills
ARTHUR MORRISON HEBB, *B. A.*, (Dal.)..Bridgewater.
ALFRED ALBERT KING, *B. Sc.* (Tor.).....Hilden.
PATRICK ALPHONSO MCGARRY .....Margaree.
WILLIAM MCKAY .....Millsville
JOHN JAMES MACKENZIE .....Pictou.
WILLIAM FRANCIS MCKINNON, *B. A.*, (St. F. X.) .....Antigonish.
JAMES ROSS MILLAR, *B. A.*, (Dal.) .....Yarmouth.
GEORGE RANDOLPH MORSE .....Melvern Square.
GEORGE HENRY MURPHY .....Antigonish.
MARTHA AGNES LANDERS PHILP .....Halifax.
WILLOUGHBY SHAFNER PHINNEY .....South Farmington.
DAVID THORBURN CAMPBELL WATSON ..Kingston, Jamaica.

HONOURS, MEDALS, Etc., 1901-02.

HONOURS.

Classics.

COFFIN, ERNEST..... .....High Honours.

Latin and English.

MACKENZIE, KENNETH F.. .....High Honours.
SEDGEWICK, GEORGE H. .....High Honours.

Philosophy.

CANN, JEANETTE A.....High Honours.

Pure and Applied Mathematics.

FLEMING, ERNEST M.....High Honours.
RIELLY, JOHN F. .....High Honours.
GOULD, WILLIAM M., (Sept., '01).Honours.

Chemistry and Chemical Physics.

LINDSAY, M. ALEXANDER .....Honours.

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GENERAL DISTINCTION.

HOWATT, IRVING B.....Distinction.
MYERS, ALEXANDER J. W.....Distinction.

GRADUATE PRIZE, MEDALS AND SCHOLARSHIP.

COFFIN, ERNEST W.....University Medal.
MACKENZIE, KENNETH F.....University Medal.
CANN, JEANETTE A.....University Medal.
HOWATT, IRVING B.....Avery Prize.
FULTON, SILAS A.....Medical Faculty Gold Medal.
HEBB, THOMAS C, M A (Dal.)..Nomination to 1851 Exhibition Science Research Scholarship.

UNDERGRADUATES' SCHOLARSHIPS AND PRIZES.

CAMPBELL, NORMAN GARFIELD . Professors' Scholarship.
BAILLIE, CHARLES TUPPER .....Sir Wm. Young Scholarship.
MCLEAN, MURDOCH CAMPBELL..MacKenzie Bursary.
CUMMING, CHARLES GORDON....Sir Wm. Young Scholarship.
MILLAR, JOHN MCINTOSH .....Sir Wm Young Scholarship.

Special Prizes.

JAMES A. SCRIMGEOUR .....Waverley Prize (Mathematics).
LOUIS BREHAUT .....North British Bursary (General Proficiency, 2nd year).
JAMES S. LAYTON, B. A.....
W. H. ROSS .....} Dr. N. E. MacKay Prize. (Chemistry)
A. R. CUNNINGHAM, B. A.....Dr Lindsay's Gold Medal. (Primary M. D., C. M).
KENNETH A. MCKENZIE.....Frank Simson Prize. (Chemistry and Materia Medica.

EXAMINATIONS, 1901-1902.

FACULTIES OF ARTS AND SCIENCE.

MATRICULATION.

BY EXAMINATION.

SENIOR.—*Passed in certain subjects*: McNiven, Catherine, in *Latin, French, English and Mathematics;* Barnett, John, and Ross, Edwin B., in *French, English, Mathematics;* Laing, A. P., and Bradley, J. A., *in Latin, Greek, English;* Cann, Jeanette A, and Ross, E. B., in *Chemistry;* Laing, A. P., in *Geometry;* Shaw, R. M., in *Latin;* McKeen, W. G., in *French.*

JUNIOR.—*First Class Distinction:* Mogee, Jeannie D.; Ankers, Jessie H.; Stephens, Margaret A.; Campbell, N. G.; Archibald, Margarette: Baillie, C. T; McLean, M. C.

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Second Class Distinction: Larsen, T.; Leamy, Leila A.; Cumming, C. G; Burnett, Elsa K.; Archibald, Helen, T.; Granger, Constance G.; Peele, S. B.; McNiven, J.; Millar, J. M.

Passed.—Neish, C. W.

Passed in certain subjects.—Boak, G. A J, and Calder, F. H., in *French*, *History* and *Geography* and *Geometry*; Ross, D K, in *Latin*, *English*, *History* and *Geography*, and *Mathematics*; Boak, G. A J, in *Latin*; Crowdis, C. J., in *Latin* and *French*; Langille, G. W., and Coffin, G. A, in *Greek*; Buckley, R C., in *French*, *English*, *History* and *Geography* and *Mathematics*; Bentley, Regina A, Lawrence, C. S., and MacDougall, E. May, in *French*; Proudfoot, J. A., in *Geometry* and *History* and *Geography*.

BY CERTIFICATE

SENIOR.—*In all subjects*: Brehaut, L; Burris, Estella M.; McBain, A. R.; McAdam, G. J.; Ross, W. H.

In certain subjects: Ballem, J. C, and MacDonald, A D., in *Latin*, *English*, *History*, *Mathematics* and *Chemistry*; Oliver, C. W., in *Latin*, *English*, *History* and *Mathematics*; Blanchard, C. P, and Manley, Clotilde J., in *Latin*, *Greek*, *English*, *History* and *Geometry*; Blackwood, Florence E., in *Latin*, *English* and *History*.

JUNIOR.—*In all subjects*: Ross, Lottie L.; Murray, E. Mabel; Murray, Lulu M.; Gerrard, Louise; Stanfield, Eleanor A.; Harris, Helen, J.; Green, W I.; Toombs, H W.; Woodbury, W. W.; Carney, W. F; Haliburton, A. F.; O'Hearn, Mary C.; Gladwin, Alice Pearson; Curry, Allan W.; McGillivray, A A; Munro, E. F.; Lawrence, C. S

In certain subjects: Miller, H., Watson, A. D., McLellan, Jno. A, McPherson, W., McCain, L, Thorne, H., McDonald, Alex., Davis, C. J., Weir, A S., Barnett, J., in *English*, *History* and *Geography*, and *Mathematics*; Forbes, A. E. G., Kirker, J. M. W., and Urquhart, Jas, in *Latin*, *English*, *History* and *Geography* and *Mathematics*; McRitchie, D. J., in *English*, *History*, and *Geography* and *Algebra*; McLennan, K. J., in *English and Mathematics*; Gorham, C. F., in *French*, *English*, *History and Geography*, and *Mathematics*; Hill, Olive M., in *Latin*, *French*, *History* and *Geography* and *Geometry*; Read, Caroline, in *French*, *English* and *Mathematics*.

SUPPLEMENTARY EXAMINATIONS.

LATIN.—*Second*: Moody, Margaret H.; Morrison, Bertha L.; Shaw, R. M.

First: Parsons, W. H.

GREEK.—*Second*: McDonald, W.; Smith, D. M. (Dec. Exam.)

First: Andrew, G A. (Dec.)

GERMAN.—*Second*: Baxter, N. M.

First: Hudson, J. W.

ENGLISH.—*Second*: Wilson, J. L.

First: McQueen, N.

PHILOSOPHY.—*Greek*: Gordon, Jean A M.

Junior: Ferguson, J. A

Logic (Special): DeWolfe, L. A.

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MATHEMATICS.—*Third:* Wilson, J. L.
Second: Moody, Margaret H.
First: Muir, D. H.; Rand, Annie M. (Algebra.)

PHYSICS.—*Senior*: Stewart, W. E.
Junior: Richardson, Lophemia; Bentley, Regina A.

CHEMISTRY, *(Junior):* Payzant, A. S.; MacKean, G. A. R.; Begin, T. S.

APPLIED MECHANICS.—Wilson, J. L.

DEGREE EXAMINATIONS.

CLASS LISTS.

Names are arranged in Alphabetical order in Classes I and II, and in order of Merit in the Pass Division.

LATIN.

THIRD: *Class I*—*Coffin, E. W.; MacKenzie, K. F.; Sedgewick, G. H.; Stairs, G. S. *Class II*—Christie, C. V.; Lindsay, F Jean. *Passed*—Davis, A. E.; Matheson, C W.; Rand, Annie M.; Malcolm, J.; Locke, E. C.; Coffin, W. H.; Webster, Winifred M.; Roy, A.; Richardson, Loie; Mitchell, G A.; Howatt, I. B; Smith, D. M.; (Blois, H H.; Carr, J. B; Meek, J. G.;) Mellish, J. R.

Passed the April Examination—Young, A. M.

SECOND: *Class I*—Ballem, J. C.; *Brehaut, L.; Brunt, H. D.; *Corbett, W. M.; *Gordon, Wilhelmina. *Class II*—Acham, J. L.; Archibald, F. R.; Laing, A. P.; MacKenzie, T. G.; Power, W. K. *Passed*—Blackwood; Florence; Bigney, Anna L.; Blanchard, C. P.; Spencer, Minnie; McAdam, G. J.; Manley, Clotilde J.; Frame, H. A.; Coffin, G. A.; Haverstock, W. E.; Fraser, H J.; Bayer, Harriet M.; Kelly, W. L.; MacDonald, A. D.; (Scrimgeour, J. A.; Weldon, R. C.;) Creighton, G.; MacKay, G. M. J.; Burris, Estella; McNiven, Catherine; (Barnett, J.; Campbell, Primrose;) Spicer, H. J.; McBain, A. R.; (Begin, T. S.; Ross, E B.;) (Carney, M. J.; Trueman, J. M.;) (Braine, Annie M.; Langille, G. W.; Smith, Olive W.;) Logan, F. R.; Crowdis, C. J.; (Batton, Viola M.; Sutherland, R. H.;) Andrew, G. A.; (Read, G. C.; Ferguson, A.)

Passed the April Examination—Hudson, J. W.; Parsons, W. H.

FIRST: *Class I*—Cumming, C. G.; Lawrence, C. S.; McLean, M. C. *Class II*—Campbell, N. G.; Forsythe, R. B.; Green, W. I. *Passed*—Stanfield, Eleanor A.; Neish, C. W.; Harris, Joyce H.; Carney, W. F.; Gerrard, Louise F; Gladwin, Alice P.; Curry, W. A.; Forbes, A. E. G.; Murray, Lulu M.; Toombs, H. W.; Murray, Mabel E.; Baillie, C. T.; Webb, W. G.; Ross, Lottie L.; Bauld. D. S.; McGillivray, A. A.; Watson, A. D.; Woodbury, W. W.; Miller, H.; Kirker, J. W.; McCain, G. L.

Passed the April Examination—Ross, D. K.; Weir, A. S.

GREEK.

THIRD: *Class I*—*Coffin, E. W.; Sedgewick, G. G. *Class II*—Christie, C V. *Passed*—Daviss, A. E.; Rand, Annie M.; Fraser,

---

* High First Class,

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H. J ; Young, L. L. ; Blois, H. H.; Loughead, G. W. ; (Christie, G. A.; Upham, H. M.)

SECOND : *Class I*—*Brehaut, L.; Corbett, W. M. *Class II*—Ballem, J. C. *Passed*—Laing, A. P.; Acham, J. L. ; Archibald, F. R. ; Blanchard, C. P. ; Manley, Clotilde J.; (Logan, F. R. ; MacKay, G. M. J. ;) (Coffin, G A.; Myers, A. J. W. ;) Andrew, G. A ; Begin, T. S.; McAdam, G. J.; Creighton, G. ; Langille, G W. *Passed the April Examination*—Batton, Viola M.; Ferguson, A.; Miller, G. W.; Trueman, J. M.

FIRST : *Class I*—McLean, M. C. *Passed*—Campbell, N. G. ; (Cumming, C G. ; Neish, C W.) ; Toombs, H. W.; Green, W. I. ; McRae, C ; Miller, H. *Passed the April Examination*—Ross, D. K.

FRENCH.

THIRD : *Class I*—*Gordon, Wilhelmina. Payzant, A. S. *Class II*—Bayer, Harriet M. ; Morrison, Bertha L. ; Richardson, Lophemia ; Smith, Olive W. *Passed*—Campbell, Jessie B. ; Bentley, Regina A.

SECOND : *Class I*—MacDougall, E. May ; McNiven, Catherine ; Power, W. K. ; Webster, Winifred M. ; Read, George C. *Class II*—Barnett, J. ; Bigney, Anna L ; Burris, Estella Mabel ; Campbell, M. Primrose ; Kelly, W. L ; Lawrence, C. S ; McKay, D ; Mackenzie, T. G. ; Ross, E B. ; Spencer, Minnie G. ; Weldon, R. C. *Passed*—Carney, M. J. ; Millar, J. M. ; Crowdis, C. J. ; Sutherland, R. H. ; McBain, A. R. ; Spicer, H. G. ; McLean, D. ; MacDonald, A. D. ; Bauld, D. S. ; MacKean, G. A. R.

FIRST : *Class I*—Curry, W. A. ; Haliburton, A F. ; Harris, H. Joyce ; McGillivray, A. ; Stanfield, Eleanor A. *Class II*—Gerrard, Louise F. ; Gladwin, Alice Pearson ; Murray, E. Mabel ; Ross, Lottie L. *Passed*—Murray, Lulu M. ; Carney, William J. ; O'Hearn, Mary C. ; Woodbury, W. W.; Blackwood, E Florence; Hebb, Thomas C ; Hill, O. Muriel ; Webb, W. G ; Forbes, A. E. G.; Baillie, C. T.; Ferguson, J. A. ; McCain, G. L.; Munro, E. F.; Gorham, C. F. ; Watson, A. D.; Kirker, J. M. W.

GERMAN.

THIRD : *Class I*—Richardson, Lophemia. *Class II*—Roy, Alexander. *Passed*—DeWolfe, L. A.

SECOND : *Class I*—*Haverstook, W. E. *Passed*—Ross, W. H. ; Rielly, J. F.; Baxter. Norman ; McIntosh, M. Gertrude ; Hudson, J. W.

FIRST : *Class I*—*Webster, Winifred M. *Class II*—Ferguson, J A.; Stairs, G. S. *Passed*—Forsythe, R. B.; Frame, H. A.; MacKay, G. M. J.; Lindsay, F. Jean; Haliburton, A. F. ; Millar, J. M.; Read, G. C. ; McLeod, W. A. ; Parker, G. H.; Davis, C. J.

ENGLISH.

FOURTH : *Class I*—MacKenzie, K. F.; Myers, A. J. Wm. *Class II*—Coffin, W. H.; Lindsay, F. Jean ; Mackenzie, W. R.; MacDougall, E. May ; Mitchell, G. A. ; Sedgewick, G. G. *Passed*—Sedgewick; G. H.; Cann, Jeanette ; Stuart, M. Ethel ; Campbell, Jessie B. , Locke, E. C. ; Bentley, Regina A. ; Matheson, C. W.; Stairs, G. S ; Malcolm, J. ; Miller, G. W. ; Fraser, H. J. ; Smith, A. A ; Thomas, Louise ; Young, L L ; Stavert, R. H.; Christie, G. A.; Meek, J. G.; Morrison, Bertha L

SECOND : *Class I*—Barnett, J.; Blackwood, E. Florence ; *Brehaut, L.; Corbett, W. M.; *Gordon, Wilhelmina ; Power, W. K *Class II*—

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* High First Class.

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Bayer, Harriet M.; Brunt, H. D.; Campbell, Primrose; Spencer, Minnie G. *Passed*—Smith, Olive W.; MacDonald, A D.; Payzant, A. S.; Read, G. C.; Scrimgeour, J. A.; Crowdis, C. J.; Begin, T. S.; Burris, Estella M.; Parsons, W. H.; Sutherland, R. H; Mackintosh, M. Gertrude; MacKay, G. M. J.; Ballem J.; Frame, H. A.; Haverstock, W. E.; Ross, E. B.; Acham, J. L.; Blanchard, C. P.; Oliver, C. W.; Andrew, G.A.; Manley, Clotilde J.; McBain, A. R.; Mackenzie, T. G.; Weldon, R. C.; Coffin, G. A; Trueman, J. M.; Rigney, Anna L.; Carney, M. J.; Ferguson, A.; Hudson, J. W.; Spicer, H. J.; Archibald, F. R.; McAdam, G. J; Fraser, W; Langille, G. W.; MacKean, G. A. R.; Braine, Annie M.; Logan, F. R.; McLean, D.; Batton, Viola; McNiven, Catherine.

FIRST: *Class I*—Forsythe, R B.; Lawrence, C S. *Class II*—Cumming, C. G; Forbes, A. E.; Green, W. I; McLean, M. C.; Peppard, Sarah. *Passed*—Stanfield, Eleanor; Toombs, W. H.; Murray, Lulu M.; Baillie, C. T.; Gerrard, Louise F.; McCain, G. L.; Woodbury, W. W.; Harris, Helen J.; Gladwin, A. P.; Watson, A. D.; McGillivray, A. A.; Millar, J. M.; Neish, C. W.; Haliburton, A. F.; Murray, E. Mabel; Ross, D. K.; Carney, W. F.; Ross, Lottie L.; Thorne, H.; Campbell, N. G.; Shaw, R M.; Curry, W A.; Miller, Hugh; Davis, C. J.; McLennan, K J.; O'Hearn, Mary; Parker, G H; Webb, W. G.; Bauld, D. S; Munro, E F.; Urquhart, J.; Weir, A. S; Hill, Olive M.; McLeod, W. A.; Kirker, J. W. M.

BIBLICAL LITERATURE.

Class I—Myers, A. J. W. *Class II*—Christie, C. V.; Webster, Winifred M. *Passed*—Stavert, R. H.; MacDougall, E. May; Nicholson, D. J.; Morrison, Bertha L.

HISTORY.

SENIOR: *Class I*—Campbell, Jessie B.; MacKenzie, W. R; Stuart, Mary E; Thomas, Louise. *Passed*—Fraser, H. J; Morrison, Bertha; Stavert, R. H.; Rand, Annie; Nicholson, D. J.

JUNIOR: *Class I*—Howatt, I. B.; Locke, E. C.; MacDougall, E. May. *Class II*—Daviss, A. E.; Roy, Alex.; Webster, Winifred. *Passed*—Malcolm, James; Young, A. McG.; Matheson, Charles W.; Mitchell, G. A.; Carr, J. B,; Smith, D. M.; Upham, H. M.; Lindsay, Jean; Loughead, George W.; Meek, J. G.; Kemp, Robert; Smith, A. A.; McDonald, C.; Mellish, James R.; Miller, G W.; Blois, H. H.

POLITICAL ECONOMY.

JUNIOR: *Class I*—Daviss, A. E.; McKenzie, W. R.; Thomas, Louise. *Class II*—Myers, A. J. W. *Passed*—Campbell, Jessie B; Christie, George; Stavert, R. H.; Richardson, Lophemia; Smith, D. M; Rand, Annie; Kemp, Robert; Bentley, Regina A; Morrison, Bertha; Nicholson, D. J.

ADVANCED: *Class I*—Howatt, I. B.

PHILOSOPHY.

ADVANCED: *Class I*—Howatt, I. B.

MORAL:—*Class I*—*Cann, Jeanette A.; Coffin, W. H.; Howatt, I. B.; Myers, A. J. W.; Sedgewick, G. G. *Class II*—Fraser, H J.; Stuart, M. Ethel; Thomas, Louise L. *Passed*—Vance, F. S.; Locke; E. C; McRae, C.; Nicholson, D J.; Carr, J. B.; Christie, C. V.;

*High First.

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Stavert, R. H. ; Christie, G. A.; Rand, Annie M. ; Kemp, R. ; MacKean, J. A. ; Roy, A. ; Young, L. L. ; Matheson, C. W. ; Miller, G. W. ; Smith, A. A. ; Meek, J. G. ; Shaw, R. M. ; Malcolm, J. ; Loughead, G. W. ; Bradley, J. A. ; Smith, D. M.

SENIOR : *Class I*—*Cann, Jeanette A. ; Coffin, W. H. ; Howatt, I. B. ; Stuart, M. Ethel. *Class II*—Fraser, H. J. ; Myers, A J. W. *Passed*—Carr, J. B. ; Thomas, Louise ; Christie, G. A.; Nicholson, D. J. ; Mitchell, G. A. ; Stavert, R. H. ; Young, L. L. ; Upham, H. M. ; Young, A. M.

JUNIOR : *Class I*—Barnett, J. ; Blackwood, Florence E. ; *Brehaut, L. ; Brunt, H. D. ; *Corbett, W. M. ; Crowdis, C. J. ; Ross, E. B. ; Scrimgeour, J. A ; Spencer, Minnie G. *Class II*—Ballem, J. C. ; Gordon, Wilhelmina ; MacDonald, A D. ; MacKenzie, T. G. ; Power, W. K. *Passed*—Burris, Estella M.; Weldon, R. C. ; Smith, Olive W.; Campbell, M. Primrose ; Logan, F. R. ; Bayer, Harriet, M ; Blanchard, C. P. ; Gordon, G. H. ; Hebb, T. C. ; Bigney, Anna L. ; Acham, J. L. ; McIntosh, M. Gertrude ; McRae, C. ; Laing, A. P. ; McBain, A. R ; Carney, M J. ; McLean, D. ; Manley, Clotilde ; Oliver, C. W. ; Trueman, J. M. ; Andrew, G. A. ; Coffin, G. A ; Begin, T. S. ; Hudson, J. W. ; Parsons, W. H. ; Sutherland, R. H. ; Batton, Viola M. ; Read, G. C. ; Kemp R. ; Kelly, W. L. ; Langille, G. W. : McNiven, Catherine.

Special—Creighton, Graham.

EDUCATION.

SCIENCE : *Class I*—Campbell, Jessie B. *Passed*—Bentley, Regina A. ; Vance, F. S.

HALF COURSE : *Passed*—Bradley, J. A. ; Grant, W. M. ; Mackintosh, P. D.; McRae, C. ; Main, C. O. ; Myers, C A. ; Ross, T.

MATHEMATICS.

ADVANCED : *(Fourth)* : *Class II*—Lindsay, M. A. *Passed*—Fulton, T. T. ; Wilson, J. L.

ADVANCED : *(Third)* : *Class I*— MacCurdy, Mabel. *Class II*—DeWolfe, L. A. ; Ross, W. H. *Passed*—Elliott, L. B. ; Baxter N M ; Gordon, G. H. *Passed in Calculus*—Macdonald, Campbell.

SENIOR : *Class I*—Brehaut, L. ; Campbell, Primrose ; Frame, H. A ; *Maclean, D. ; *Scrimgeour, J. A. *Class II*—Blackwood, Florence; Blanchard, C. P ; Corbett, W M. ; Haverstock, W. E. ; MacDonald, A. D ; ; Spencer, Minnie. *Passed.*— Ballem, J. C. ; Burris, Mabel; Gordon, Wilhelmina ; Spicer, H. T. ; Bigney, Anna ; Power, W K. ; Bayer, Harriet ; Carney, M. J. ; Andrew, G A. ; Begin, T. S. ; Crowdis, C. J. ; Logan, F R ; Barnett, J. ; McAdam, G. J. ; McBain, A. R ; Creighton, G. ; Mackenzie, T. G. ; Weldon, R C. ; Braine, Annie ; Miller, G. W. ; Ross, E. B. ; Urquhart, J. ; Sutherland, R H. ; McIntosh, Gertrude. *Passed in Geometry and Trigonometry*—Acham, J. L. ; Archibald, F. R ; Batton, Viola ; Coffin, G. A. ; Ferguson, A. ; Kelly, W. L. ; Langille, G. W. ; MacKay, G. M. J ; Oliver, C W. ; Read, G. C. *Passed in Algebra and Trigonometry*—Brunt, H. D. *Passed in Algebra and Geometry*—Fraser, W. *Passed in Geometry*—Kirker, E A *Passed in Trigonometry*—Laing, A P. ; Manley, Clotilde ; MacKean, R. ; McNiven, Catherine.

JUNIOR : *Class I*—*Campbell, N. G. ; Davis, C. J. ; *McLean, M. C ; Peppard, Sarah ; Toombs, H. W. ; *Watson, A. D. *Class II*—

* High First Class.

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Baillie, C T.; Cumming, C. G.; Curry, W. A.; Forbes, A. E. G; Forsythe, R B.; Gladwin, Alice; Harris, Helen; Stanfield, Eleanor. *Passed*—Lawrence, G.; Thorne, H.; Millar, J. McI.; Miller, H.; McLeod, W. A.; Gerrard, Louise; Neish, C. W.; Gorham, F.; Murray Mabel; Woodbury, W. W.; Hill, Muriel; Ross, Lottie; Kirker, J. M. W.; Parker, G. H. *Passed in Geometry and Trigonometry*—Buckley, R. C; Munro, E. F.; McCain, G L.: O'Hearn, Mary; Ross, D. K. *Passed in Trigonometry*—Calder, F. H.: Murray, Lulu. *Passed in Geometry*—Green, W. I; MacGillivray, A. A.; Weir, A. S.

PHYSICS.

SENIOR: *Class I*—McCurdy, R. Mabel. *Class II*—Ross, W. H. *Passed*—Fleming. E. M.; (Christie, C. V.; DeWolfe, L. A.;) Rielly, J. F.; Baxter, N. M.; McCleave, A. R.; (Gordon, G. H.; Lindsay, M. A.;) Elliot, L. B.; McKeen, W. G.

JUNIOR: *Class I*—McCurdy, R Mabel. *Class II*—Frame, H. A.; Haverstock, W. E. *Passed*—Meek, J. G.; Locke, E. C.; Howatt, I. B.; Carr, J. B.; Crowdis, C. J; McLean, D; Mitchell, G. A.; Webster, Winifred M.; Macdonald, C; (Ross, E B.; Roy, A.;) Bentley, Regina A.; Blois, H. H.; Coffin, W. H.; Young, A. McG; Urquhart, J.; Malcolm, J.; Young, L. L.; Spicer, H. J.; (Smith, D. M.; Upham, H. M.)

Special Examination—Class I—Ross, W. H.

SENIOR PRACTICAL: *Passed*—Lindsay, M. A.

JUNIOR PRACTICAL: *Class II*—Fleming, E. M; Ross, W. H. *Passed*—McCurdy, R Mabel; Gordon, G H.; (Baxter, N. M; DeWolfe, L. A;) McKeen, W. G.; McCleave, A. R.; Ferguson, J. A.

SENIOR EXPERIMENTAL: *Class II*—Lindsay, M. A.

APPLIED MECHANICS.

Passed—Fulton, T. T.; Elliot, L. B.; McCleave, A. R.

CHEMISTRY.

SENIOR: *Class I*—Ross, W. H. *Class II*—McAdam, G. J.; MacKay, G. M. J. *Passed*—Mellish, J. R.; Haverstock, W. E.; Shaw, R. M.

JUNIOR: *Class I*—Cumming, C. G.; Forbes, A. E. G.; Woodbury, W. W. *Class II*—Baillie, C T.; Millar, J. M.; Peppard, Sadie I.; Webb, W. G. *Passed*—(Payzant, A. S.; Ross, Lottie L.;) (Gorham, C. F.; Urquhart, J.;) (Buckley, R. C; Davis, C J.; Haliburton, A. F;) Stanfield, Eleanor; (Calder, F. H.; MacLeod, W. A.;) Parker, G. H.; Watson, A. D.; McLean, M. C.; Campbell, N. G.; McCurdy, Rahno M.; Curry, Wilfred A; Carney, M. J.; Thorne, H.; Toombs, H. W.; Gladwin, Alice; (Lawrence, C S; McCain, G. L.;) Miller, H.; Munro, E F.; (Gerrard, Louise; McGillivray, A. A.;) (Harris, Helen Joyce; Kirker, J. W.; Ross, D K.;) Murray, Mabel E.; (Neish, C. W.; Weir, A. S.

ADVANCED PRACTICAL: *Class I*—DeWolfe, L. A. *Class II*—Ross, W. H. *Passed*—Baxter, N.; Gordon, G. H.

SENIOR PRACTICAL: *Class II*—Ross, W. H. *Passed*—Mellish, J R.; Shaw, R. M.; Wilson, J. L.

JUNIOR PRACTICAL: *Class II*—(Fulton, T. T.; Macdonald, C.)

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BOTANY.

Class I—Stuart, M. Ethel. *Class II*—MacKenzie, W. R. *Passed*—MacKay, G. M. J.; Shaw, R. M.

ZOOLOGY.

Class I—Bentley, Regina A.; Thomas, Louise L. *Passed*—Cann, Jeanette A.

GEOLOGY.

Class II—DeWolfe, L. A; Fulton, T.; Marshall, G. H. *Passed*—McCleave, A. R.. Elliot, L. B.; Wilson, J. L.

CIVIL ENGINEERING.

Passed—Elliot, L. B.; McCleave, A. R.; Wilson, J. L.

HYDRAULIC ENGINEERING.

Passed—Elliot, L. B.; McCleave, A. R.

MUNICIPAL ENGINEERING.

Passed—McCleave, A. R.; Elliot, L. B.; Wilson, J. L.

SENIOR SURVEYING.

Class I—McCleave, Arthur. *Class II*—Elliot, L. B; Wilson, J. L.

FACULTY OF LAW.

DEGREE EXAMINATIONS.

CLASS LISTS.

NOTE.—The names in Class I are placed in order of merit; the pass list is arranged in alphabetical order and gives no indication of the relative merits of the candidates.

INTERNATIONAL LAW.

Class I.—Worsley; Reid; Harris; Squires. *Passed.*—Calder; Chipman.

CONFLICT OF LAWS.

Class I.—Squires. *Passed.*—Bill; Calder; Chipman; Harris; Macdonald, W. R.; Reid; Rhodes; Ritchie; Worsley.

BILLS AND NOTES.

Class I.—Worsley; Macleod, E. A.; Reid; Chipman; Murray, A. H. S.; Squires. *Passed.*—Bill; Calder; Harris; Lockhart; Manning; Phelan; Rhodes; Ritchie; Savary; Weldon.

EQUITY.

Class I.—Macdonald. W. R.; Harris; Miller; Macleod, E. A.; Ritchie; Squires; Calder; Murray, A. H. S. *Passed.*—Bill; Chipman: Lockhart; Manning; Phelan; Reid; Rhodes; Savary; Viets; Weldon; Worsley.

PARTNERSHIP AND COMPANIES.

Class I.—Reid; Harris; Haviland; Macleod, E A. *Passed.*—Bill; Calder; Chipman; Lockhart; Manning; Murray; Phelan; Rhodes; Ritchie; Savary; Squires; Weldon; Worsley.

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PROCEDURE.

Class I.—(Reid ; Worsley ;) Chipman ; Ritchie. *Passed.*—Bill ; Harris ; Lockhart ; Murray, N. G. ; Phelan ; Rhodes.

CONSTITUTIONAL LAW.

Class I.—Macleod, E. A. ; Weldon ; Rhodes. *Passed.*—Bill ; Haviland ; Murray, A. H. S. ; Phelan ; Savary.

SHIPPING.

Class I.—Macleod, E. A. ; Weldon ; Phelan. *Passed.*—Manning ; Murray, A. H. S. ; Rhodes ; Savary.

CONSTITUTIONAL HISTORY.

Class I.—Robertson ; Carroll ; Cheese ; Mackay ; Cameron, J. M. ; Mackenzie, W. R ; Landry. *Passed.*—Bell ; Brunt, H. D. ; Cameron, J. J. ; Haviland ; Harrington ; Meagher ; Nicholson ; Redmond ; Scrimgeour, J. A. ; Young, A. M.

CONTRACTS.

Class I.—Robertson ; Cameron, J. M. ; Cheese ; Redmond ; Carroll ; Mackay ; Haviland. *Passed.*—Bell ; Cameron, J. J. ; Dickie ; Harrington ; Landry ; Macdonald, A. E. M. ; Meagher ; Nicholson.

REAL PROPERTY.—(*First Year.*)

In the absence of the Lecturer, no attempt has been made to classify the candidates.

Passed.—Bell ; Cameron, J. J. ; Cameron, J. M. ; Carroll ; Cheese ; Dickie ; Harrington ; Haviland ; Landry ; Macdonald, A. E. M. ; Mackay ; Manning ; Meagher ; Moulton ; Nicholson ; Redmond ; Robertson.

TORTS.

Class I.—Robertson ; Harrington ; Cheese ; Manning ; Redmond ; Landry. *Passed.*—Bell ; Cameron, J. J. ; Cameron, J. M. ; Dickie ; Macdonald, A. E. M. ; Mackay ; Meagher ; Nicholson.

CRIMES.

Class I.—Robertson ; Haviland ; Manning ; Cheese ; Redmond ; (Mackay ; Meagher ; Miller ;) Cameron, J. M. ; Carroll ; Harrington. *Passed.*—Bell ; Cameron, J. J. ; Dickie ; Landry ; Viets.

FACULTY OF MEDICINE.

GENERAL PASS LIST.

(Alphabetical order.)

PRIMARY M. D., C M., EXAMINATION.

Section "A"—First Year.

Blackadder, Edward ; Decoste, S. H. ; *Dickey, E. E. ; ‡Ford, T R. ; *Hawboldt, H. D. ; *Kinkead, E. C ; *MacAulay, M. A , McDonald, D. R. ; MacDonald, T. G ; Macdonald, W. S. ; McIntosh; G A. ; MacKay, V. N. ; *MacKenzie, Eliza M. ; MacKenzie, Mary ; *Messinger, Stella M. ; Miller, A. W. ; Murray, J. A. ; ‡McNeil, A. J. ; †Norwood, E B. ; O'Connell, J. I. ; Proudfoot, J. A.

*Suppl. Exam., Sept., 1901. †Special Exam., Feb., 1902.
‡Suppl. Exam., Apr., 1902.

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Section "B"—Second Year.

Champion, J. B.; †Crawford, D. McN.; Cunningham, A. R.; †Dickey, E E: *Earle, R. W. L.; Farquharson, W. O.; ‡Ford, T. R.; *Fuller, L. O.; Gillis, A. C.; Hardy, G. A.; Hawboldt, H. D.; Jardine, F. W.; Johnson, T R.; Layton, J. S.; *McAulay, M. A.; Macdonald, T H; McKay, D A.; MacKenzie, D. W.; MacKenzie, Jemima; MacKenzie, L. B.; Miller, A. F.; †Norwood, E. B.; Rankine, John; §Rice, Grace E. B.; Stephens, F. N.

FINAL M. D., C. M., EXAMINATION.

Section "A" Third Year.

*Archibald, C. C.; Austen, Minna M.; Brehaut, Lester; Coffin, Melville; Earle, R. W. L.; Hawboldt, H. D.; Lawson, W. A.; Lessel, Fred.; McCuish, K. A.; MacIver, J. A.; *MacKenzie, J. J.; MacKenzie, K. A; McLeod, A. C; Morrison, J. C.; Murray, D.; Potter, J. L.; Rice, Grace E. B.; Whitman, G. W.

Section "B"—Fourth Year.

Archibald, C. C.; Blackadar, R. L.; Borden, L E; Cameron, C. P. P.; *Cameron, Harold; Campbell, D. G. J.; *Cochran, W N; Cock, J. L.; Corston, J. R.; Fulton, S. A.; Harris, W. C.; Hebb, A. M.; King, A. A.; McGarry, P. A.; McKay, Wm.; MacKenzie, J. J; McKinnon, W. F.; Millar, J. R.: Morse, G. R.; Murphy, G. H.; Philp, Martha A. L.; Phinney, W. S.; Watson, D. T. C.

DEGREE EXAMINATIONS.

CLASS LISTS.

Containing the names arranged in order of merit of students who passed in the various subjects.

JUNIOR CHEMISTRY.

Distinction—Decoste, S. H.; MacDonald, T. G.; MacDonald, W. S.; Miller, A. W.; Murray, J. A.; O'Connell, J. I.; Proudfoot, J. A..

Passed—Blackadder, Edw.; McDonald, D. R.; McIntosh, G. A.; MacKenzie, Mary; Murray, W. D.

Supplementary, Sept, 1901—Hawboldt, H. D.; Kinkead, E. C; MacAulay, M. A.; Messinger, Stella M. *Feb., 1902*, Norwood, E. B. *April, 1902*, McNeil, A J.

JUNIOR ANATOMY.

Distinction—Decoste, S. H.; MacDonald, W. S.; MacKay, V. N.; MacKenzie, Mary; Miller, A. W.

Passed—Blackadder, Edw.; McDonald, D. R.; MacDonald, T. G.; McIntosh, G. A.; Murray, J. A.; Murray, W. D.; O'Connell, J. I.; Proudfoot, J. A.

Supplementary, Sept., 1901—Dickey, E. E.; MacKenzie, Eliza M.

BIOLOGY.

Distinction—MacDonald, W. S.; Miller, A. W.

Passed—Blackadder, Edw.; Decoste, S. H.; McDonald, D R.; MacDonald, T. G.; McIntosh, G. A.; MacKenzie, Mary; Murray, J. A.; Murray, W. D.; O'Connell, J. I.

Supplementary, Sept, 1901—(Zoology)—McAulay, M. A.

Special, April, 1902—(Zoology)—Proudfoot, J. A.

Supplementary, April, 1902—(Zoology)—Ford, T. R.

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*Suppl. Exam., Sept., 1901. †Special Exam., Feb., 1902.
‡Suppl. Exam, April, 1902. §Special Exam., Sept., 1901.

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MEDICAL PHYSICS.

Distinction—McIntosh, G. A.; MacKay, V. N.; Murray, J. A.

Passed—McDonald, D. R.; MacDonald, T. G.; Macdonald, W. S. MacKenzie Mary.

SENIOR CHEMISTRY.

Distinction.—Layton, J. S.; Rankine, John.

Passed—Champion, J. B.; Cunningham, A. R.; Farquharson, W. O.; Gillis, A. C.; Hardy, G. A.; Jardine, F. W.; Johnson, T. R.; MacDonald, T. H.; McKay, D. A.; MacKenzie, D. W.; MacKenzie, Jemima; MacKenzie, L. B.; Mellish, J. R.; Miller, A. F.; Slayter, R. U.; Stephens, F. N.

Supplementary, Sept., 1901—Earle, R. W. L. *Feb., 1902*—McAulay, M. A.; Crawford, D. McN.; Dickey, E. E.; Norwood, E. B. *April, 1902*—Ford, T. R.

Special, Sept., 1901—Rice, Grace E. B.

SENIOR ANATOMY.

Distinction—Cunningham, A. R.; Farquharson, W. O.; Jardine, F. W.; Layton, J. S.; McKay, D. A.; MacKenzie, D. W.; Rankine, John.

Passed—Buckley, C. E. A.; Champion, J. B.; Day, F. B.; Gillis, A. C.; Hardy, G. A.; Johnson, T. R; Kinkead, E. C.; McDonald, T. D.; MacDonald, T. H; MacKenzie, Eliza M.; MacKenzie, Jemima; McKenzie, L. B.; McNeil, A J.; Messinger, Stella M.; Miller, A. F.; Slayter, R. U.; Stephens, F. N.

Supplementary, Sept., 1901—Norwood, E. B. *April, 1902*—Dickey, E. E.; Ford, T. R.

Special, Sept, 1901—Rice, Grace E. B.

PHYSIOLOGY AND HISTOLOGY.

Distinction—Cunningham, A. R.

Passed—Champion, J. B.; Day, F. B.; Farquharson, W. O.; Gillis, A. C.; Hardy, G. A.; Jardine, F. W.; Johnson, T. R.; Layton, J. S.; McDonald, T. D.; MacDonald, T. H.; McKay, D. A.; MacKenzie, D. W.; MacKenzie, Jemima; MacKenzie, L. B; McNeil, A. J.; Miller, A F.; Rankine, John; Stephens, F. N.

Supplementary, September, 1901—Earle, R. W. L.; Fuller, L. O.

Special, September, 1901—Rice, Grace E. B.

MATERIA MEDICA AND THERAPEUTICS.

Distinction—Austen, Minna M.; Brehaut, Lester; MacKenzie, K. A.; Murray, D.; Woodbury, F. V.

Passed—Coffin, Melville; Earle, R. W. L.; Hawboldt, H. D.; Lawson, W. A.; Lessel, Fred; McCuish, K. A.; MacIver, J. A.; McLeod, A. C.; Morrison, J. C.; Potter, J. L.: Rice, Grace E. B.; Whitman, G. W.

Supplementary, September, 1901—MacKenzie, J. J.

Special, September, 1901—Archibald, C. C.

PATHOLOGY AND BACTERIOLOGY.

Distinction—MacKenzie, K. A.

Passed—Austen, Minna M.; Brehaut, Lester; Coffin, Melville; Earle, R. W. L.; Hawboldt, H. D.; Lawson, W. A.; Lessel, Fred; McCuish, K. A.; MacIver, J. A.; McLeod, A. C.; Morrison, J. C.;

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Murray, D. ; Norwood, E. B. ; Potter, J. L. ; Rice, Grace E. B. ; Whitman, G. W.

Supplementary, September, 1901—McKenzie, J. J.

Special, September, 1901—Archibald, C. C.

MEDICAL JURISPRUDENCE, INSANITY AND HYGIENE.

Distinction—Lessel, Fred ; Murray, D. ; Whitman, G. W.

Passed—Austen, Minna M. ; Brehaut, Lester ; Coffin, Melville ; Crawford, D. McN. ; Earle, R. W. L. ; Fuller, L. O. ; Hawboldt, H. D. ; Lawson, W. A. ; McCuish, K. A. ; MacIver, J. A. ; MacKenzie, K. A. ; McLeod, A. C. ; Morrison, J. C. ; Norwood, E. B. ; Potter, J. L. ; Rice, Grace E. B. ; Woodbury, F. V.

Special, September, 1901—Archibald, C. C.

SURGERY.

Distinction—Hebb, A. M. ; Morse, G. R.

Passed—Archibald, C. C. ; Blackadar, R. L. ; Borden, L. E. ; Cameron, C P. P. ; Campbell, D. G. J. ; Cock, J. L. ; Corston, J. R. ; Fulton, S. A. ; Harris, W. C. ; King, A. A. ; McGarry, P. A. ; McKay, Wm. ; MacKenzie, J. J. ; McKinnon, W. F. ; Millar, J. R. ; Murphy, G. H. ; Philp, Martha A. L. ; Phinney, W. S. ; Watson, D. T. C.

Supplementary Examination, September, 1901—Cameron, Harold.

CLINICAL SURGERY.

Distinction—Cameron, C. P. P. ; Corston, J. R. ; Fulton, S. A. ; Hebb, A. M. ; Millar, J. R. ; Morse, G. R. ; Murphy, G. H.

Passed—Archibald, C. C. ; Blackadar, R. L. ; Borden, L. E. ; Campbell, D. G. J. ; Cock, J. L. ; Harris, W. C. ; King, A. A. ; McGarry, P. A. ; McKay, Wm. ; MacKenzie, J. J. ; McKinnon, W. F. ; Philp, Martha A. L. ; Phinney, W. S. ; Watson, D. T. C.

Supplementary Examination, September, 1901—Cochran, W. N.

MEDICINE.

Distinction—Campbell, D. G. J. ; Corston, J. R. ; Fulton, S. A. ; Hebb, A. M. ; Millar, J. R. ; Morse, G. R.

Passed—Archibald, C. C. ; Blackadar, R. L. ; Borden, L. E. ; Cameron, C. P. P. ; Cock, J. L. ; Harris, W. C. ; King, A. A. ; McGarry, P. A. ; McKay, William; MacKenzie, J. J ; McKinnon, W. F. ; Murphy, G. H. ; Philp, Martha A L. ; Phinney, W. S. ; Watson, D. T. C.

CLINICAL MEDICINE.

Distinction—Borden, L. E. ; Cameron, C. P. P. ; Campbell, D.G.J. ; Cock, J. L. ; Corston, J. R. ; Fulton, S. A. ; Hebb, A. M. ; McKinnon, W. F. ; Millar, J. R. ; Morse, G. R. ; Phinney, W. S.

Passed—Archibald, C. C. ; Blackadar, R. L. ; Harris, W. C. King, A. A. ; McGarry, P. A. ; McKay, William ; MacKenzie, J. J. ; Murphy, G. H. ; Philp, Martha A. L ; Watson, D. T. C.

Supplementary, Sept., 1901—Cameron, Harold ; Cochran, W. N.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Distinction—Corston, J. R. ; Fulton, S. A. ; McKay, William. Millar, J. R. ; Morse, G. R.

Passed—Archibald, C. C. ; Blackadar, R. L. ; Borden, L. E. ; Cameron, C. P. P. ; Campbell, D. G. J. ; Cock, J. L. ; Harris, W. C. ; Hebb, A. M. ; King, A. A. ; McGarry, P. A ; MacKenzie, J. J. ; McKinnon, W. F. ; Murphy, G. H. ; Philp, Martha A. L ; Phinney; W. S. ; Watson, D. T. C.

Supplementary, Sept , 1901—Cameron, Harold ; Cochran, W.N.

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GRADUATES.

DOCTORS OF LAWS.

(Honoris Causâ.)

1896 *a* Bailey, Loring Woart, *M. A., Ph. D., F. R. S. C.*
1901 *b* Fraser, Chas Frederick, *M. A.*
1892 *c* Gilpin, Edwin, Jr., *A. M., F. R. S. C.*
1892 † Grant, Very Rev. Geo. Munro, *D. D., F. R. S. C.*
1902 *d* Griffin Martin Joseph, *B A.*
1900 *e* Johnson, John, *M. A.*, (Dub.)
1896 † Kingsford, Wm., *C. E., LL D., F. R. S. C.*
1901 *f* MacGregor, James Gordon, *M.A., D. Sc., LL. D., F.R.S.*
1892 *g* MacKay, Alex Howard, *B.A., B. Sc., F. R S C.*
1902 *h* Murray, Rev. Robert.
1896 † Patterson, Rev. George, *D. D., F. R. S. C.*
1893 *i* Sedgewick, Hon. Robert.
1901 † Smith, Rev. T. Watson, *D. D.*
1892 † Thompson, Rt. Hon. Sir John Sparrow David, *K. C. M. G.*

MASTERS OF ARTS.

1876 Allan, John Munn.
1872 Annand, Joseph, *D D.*
1897 Archibald, Alexander David.
1898 Archibald, Herb. Thompson.
1894 Archibald, Sara Elizabeth.
1878 Archibald, Wm. Prescott, *B.D.*
1902 Armitage, Wm James.
1898 Austen, Minna May.
1899 Baird, Frank, *B. A.*
1900 Barnes, James.
1892 Baxter, Agnes Sime, *Ph. D.*
1872 † Bayne, Prof. Herbert A., *Ph. D., F. R. S C.*
1896 Bent, Matilda Agatha.
1898 Bigelow, Harry Veeder.
1899 Burchell, Charles Jost.
1890 Burkitt, Robert James.
1897 Butler, George Killam.
1898 Cameron, Ira William.
1871 Campbell, John J.
1895 Campbell, William Robert.
1871 Carr, Arthur F.
1869 Chase, Joseph Henry.
1899 Church, Nina Elizabeth.
1880 † Creelman, David Fulton.
1891 Crowell, Edwin.
1896 Currier, Frank Allison.
1900 Davis, Roy.
1883 Dickie, Alfred.
1888 Fitzpatrick, Hiram Henry Kirkwood, *LL. B.*
1897 Forbes, Edgar Wiiliam.
1872 † Forrest, James.
1902 Forrest, Jean Fairbanks.
1897 Foster Arthur Hayward, *B. D.*
1897 Frame, David Annand.
1891 Grant, David Kenzie
1898 Grant, George Alexander.
1895 Grant, Melville Finlay.
1895 † Grant, Robert J., *B. D.*
1902 Grant, Wm. McDonald.
1894 Harrington, Emily Bevan.
1898 Hebb, Bertha Boyd.
1901 Hebb, Thos Carlyle.
1898 Hepburn, William Murray.
1878 Herdman, Jas. Chalmers, *D.D.*
1881 Herdman, William Close.
1895 Jamieson, Harriet Jane.
1898 Jordan, Edward Elliot
1878 Jordan Louis Henry, *B. D.*
1888 Langille, R. McDonald, *LL. B.*
1902 Lawson, David Alex.
1894 Logan, Prof. Jno. Dan., *Ph. D.*
1880 Logan, Richmond.
1894 McArthur, Samuel Johnson.
1895 Macdonald, Charles deWolf
1870 † McDonald, John H.
1901 Macdonald, Murdoch Stewart.
1895 Macdonald, Peter McLaren.
1874 MacGregor, Prof. James Gordon, *D Sc., LL. D., F. R. S.*
1897 McIntosh, Charles Daniel.
1900 Macintosh, Finlay H.
1896 Macintosh, John, *B. D.*
1901 Mackintosh, Peter Duncan.
1895 † Mackay, Angus William
1898 McKay, Ira
1895 Mackay, John Daniel, *B. D.*
1897 McKay, Mary Alexandra
1899 McKay, Wm Roderick, *M.A.*, (Prin.), *ad eund. grad.*
1898 McKay, Thomas Calvin
1895 MacKenzie, Ellen Margaret.
1875 MacKenzie, Hugh.
1872 † MacKenzie, Prof. Jno J., *Ph.D.*
1902 McKinnon, Duncan Hugh.
1897 McLean, Laughlin Hugh, *B.A.*
1887 McLennan, John Wm , *B. D.*
1878 † McLeod, Alexander, *Ph. D.*
1880 † McLeod, John Wilson.
1897 McNairn, William Wallace.
1870 McNaughton, Samuel.
1893 McPhee, Margaret Janet.
1899 Millar, James Ross.
1896 Milligan, George Seaton.
1894 Morton Silvanus Archibald.
1899 Murdoch, Wm. Clarence, *M.A.* (Prin.), *ad eund grad.*
1901 Murray, Adam Henry Stewart
1893 Murray, Prof. Walter Charles, *M.A.* (Edin.), *ad eund. grad.*
1901 Myers, Charles Allan.

† Deceased.
a Prof. of Nat. Hist. N. B. Univ.
b Prin. Hfx. School for the Blind.
c Dep.-Comr. of Mines, N. S.
d Librarian of Parliament.
e *Emeritus* Prof. of Classics, Dal. Un.
f Prof. of Nat. Phil., Edin. Univ.
g Supt. of Education, N. S.
h Editor of the *Presbyterian Witness*
i Judge of Supreme Court of Canada.

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1881 Newcombe, Edm. Leslie. *LL. B.*
1898 Nicholson, John Wm. Angus.
1901 Outhit, Wm. Edward.
1887 Patterson, George Geddie.
1902 Read, Edith MacGregor.
1901 Robertson, Samuel Napier.
1896 † Robins, Edwin Proctor.
1895 Ross, Hedley Duncan Vicars.
1896 Ross, Jennie Wright.
1896 Rose, Mary Sophia.
1901 Ross, William Alexander.
1875 Scott, Ephraim.
1871 Smith, David H.
1890 † Smith, James Festus, *B. D.*
1897 Smith, William Henry, *B. D.*
1896 Strathie, Ralph Grant, *B. D.*
1898 Sutherland, George Adam.
1898 Trefry, James Hartley.
1878 Trueman, Arthur I., *D. C. L.*
1878 Trueman, Margaret Florence.
1899 Watt, Arthur William.

MASTERS OF LETTERS.

1900 Hobrecker, Alma Helena.
1902 Lanos, Jules Marie.
1893 Muir, Ethel, *Ph. D.*

MASTER OF SCIENCE.

1898 Archibald, Ebenezer Henry.

BACHELOR OF ARTS.

☞ The numbers affixed in some cases to the names have the following significations:—

1—High Honours in Classics.
2—Honours in Classics.
3—High Hons. in Latin and English.
4—Hons. in Latin and English
5—High Hons in Greek and English.
6—Hons. in Greek and English.
7—High Hons. in English and German.
8—Hons. in English and German.
9—High Hons. in English and English History.
10—Hons. in Eng. and Eng. History.
11—High Hons. in Philosophy.
12—Hons. in Philosophy.
13—High Hons. in Pure and Applied Mathematics.
14—Hons. in Pure and App. Math.
15—High Hons. in Mathematics and Physics
16—Hons. in Math. and Physics.
17—High Honours in Experimental Physics and Chemistry.
18—Hons. in Exp. Phys. and Chem.
19—High Hons. in Chemistry and Chemical Physics.
20—Hons. in Chem. and Chem. Phys.
21—Great Distinction.
22—Distinction.
23—Governor-General's Gold Medal
24—Governor-General's Silver Medal.
25—Sir Wm. Young's Gold Medal.
26—DeMille Gold Medal.
27—Mackenzie Gold Medal.
28—University Medal.
29—1851 Exhibition Science Research Scholarship.
30—Avery Prize.

1884 *a* Adams, Hy. Stanislaus, 14, 24.
1895 Aitken, Rob. Traven Davison.
1885 † Aiton, William, 1, 23.
1873 Allan, John Munn
1889 Allison, Edmund Powell.
1886 Allison, Matthew Gay, 30.
1899 Anderson, Chas. Willoughby.
1899 Anderson, Jas. Hy. Addison, 12.
1893 Annand, Edward Ernest.
1869 *b* Annand, Joseph, *D. D.*
1895 Archibald, Adams Douglas.
1895 Archibald, Alexander David.
1899 Archibald, Eugenie, 22.
1877 † Archibald Fred. Wm., *M. A.*, *B. D*, *Ph. D.*
1897 *bb* Archibald, Herb. Thompson, *Ph. D.*, 1.
1892 *c* Archibald, Sara Eliz., 21, 30.
1872 Archibald, Wm. Prescott, *B. D.*
1901 Armitage, Wm Jas.
1897 Austen, Minna May, 21, 30.
1899 *cc* Baird, Jno. Wm. Adams, 13, 25.
1896 Baker, Elma.
1892 Bacon, Frank Wright Mudge, 14.
1899 Barnes, James, 14, 29.
1893 Barnstead, Arthur Stanley.
1891 *d* Baxter, Agnes Isime, *Ph. D.*, 13, 25.
1869 *e* † Bayne, Herbert And., *Ph. D.*, *F. R. C. S.*
1871 Bayne, Ernest Samuel.
1876 Bell, Francis Hugh, 2, 23.
1883 Bell, John Albert, 2, 23.
1900 *ee* Benoit, John Alphonse, 14.
1895 Bent, Matilda Agatha.
1900 Bentley, John Skipwith, 22.
1901 Best, Lillian Gertrude, 2.
1894 Bigelow, Harry Vedor, 22, 30.
1898 *f* Blanchard, Aubrey Blanchard, 12.
1880 † Blanchard, Charles Waddell.

† Deceased.
a Sometime Prof. of Math. Detroit College.
b Missionary in New Hebrides.
bb Sometime Fellow and Scholar, (J. H. U.). Prof. of Greek, Occidental College, Los Angelos.
c Sometime Scholar (Bryn Mawr)
cc Scholar, (Cornell.)
d Sometime Fellow, Cornell.
e Sometime Prof. of Chem., Royal Mil. College, Kingston.
ee Instructor (Norm. Schl., N. S.)
f Sometime Math. Master, (St. And. College.)

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1899 Borden, Lorris Elijah.
1894 *a* Brehaut, Ernest, *M. A.*, 1, 28.
1891 *b* Brehaut, Jas. Wm., *B. A.*, 1.
1898 Brodie, William Stuart.
1889 Brown, Ernest Nicholson, 12.
1872 Bruce, William T., *M. D.*
1873 Bryden, Charles William.
1887 Buchanan, James Jost, 12.
1898 Buchanan, Murdoch.
1897 Burchell, Charles Jost.
1867 Burgess, Joshua C.
1889 Burkitt, Robt. Jas., *B. A.*, 14.
1899 Burris, Grace Dean.
1896 *c* Butler, George Killam.
1886 *d* Cahan, Charles Hazlitt.
1878 Cairns, John Andrew, *M. A.*
1886 Calder, John, *B. D.*
1887 Calkin, Wm., Sommerville, 30.
1879 Cameron, Chas. Symonds, 10.
1897 Cameron, Ira William 13, 25.
1878 Cameron, John Hugh, 24.
1867 Cameron, John J.
1873 Cameron, William, *Ex-M.P.P.*
1898 Campbell, Alvin Henry.
1886 Campbell, Alexander John.
1890 *e* Campbell, Donald Frank, *M. A. Ph. D.*
1898 Campbell, Duncan McDonald
1882 *f* Campbell, Geo. Murray, 14, 25.
1902 Campbell, Jessie Bell.
1899 Campbell, Jessie Brown.
1892 Campbell, Robert Sedgewick.
1887 *g* Campbell, William Robert.
1872 † Carmichael, James Matheson.
1868 Carr, Arthur F.
1882 Carson, George Stephen, 30.
1879 Chambers, Frederick Bulmer.
1877 *h* Chambers, Robert Ernest.
1890 Chapman, Adolphus Eugene.
1866 Chase, Joseph Henry.
1899 Chase, Margaret Hawthorne.
1901 Chisholm, Maud.
1902 Christie, Clarence Victor.
1902 Christie, George Archibald.
1868 † Christie, Thomas M.
1896 Church, Nina Elizabeth, 3.
1888 Clarke, Daniel McDonald.
1897 Clark, Harold Marston.
1897 Cock, Daniel George.
1902 Coffin, Ernest William, 1, 28.
1886 *i* Coffin, Fulton Johnson, *M. A.*, *Ph. D.*, 10.
1885 Coffin, Frank Stewart.
1897 Coffin, Robert Lewis
1887 *j* Coffin, Victor Edwin, *Ph. D.*, 9, 26.
1890 *k* Cogswell, Geo. Alfred, *Ph. D.*
1898 Colquhoun, John George.
1887 Coops, Frank Harvey, *M. D.*, *C. M.*, 2.
1898 Corston, James Robert.
1881 Costley, Alfred.
1891 Cox, George Hastings.
1894 Crawford, James Andrew.
1873 † Creelman, David Fulton.
1881 *l* Creelman, Hugh Graham. *B. Sc*, 14, 23.
1868 Creighton, James G. A.
1880 Creighton, Henry Spurr.
1887 *m* Creighton, Jas. Edwin, *Ph.D*, 11, 24.
1898 Crowe, Henry Stanley, 21.
1880 Crowell, Edwin, 10, 23.
1872 Cruikshank, William, *B. D.*
1899 Cumming, Alison, 22.
1896 Cumming, Bessie Arnot, 11.
1897 *n* Cumming, Melville.
1896 Cummings, Alfred Graham.
1897 Cummings, Edward.
1900 Cunningham, Allan Rupert.
1900 Cunningham, Wm. Andrew.
1896 Currie, William Douglas.
1895 Currier, Frank Allison.
1897 Dakin, William
1882 Davidson, Fulton Johnson.
1896 Davidson, Lilla Augusta.
1899 Davis, Roy, 9.
1889 Davison, James McGregor.
1897 Denoon, Alexander Hugh, *B.D.*
1898 DeWolfe, Margaret Woodill.
1879 Dickie, Alfred.
1896 *o* Dickie, Gordon, *M. A.*, 22.
1883 Dickie, Henry.
1884 Dill, Edm. Munro, *B. D.*, *Ph.D.*
1900 Douglas, Edgar.
1893 Douglas, Ernest Augustus
1896 Douglas, John Robert.
1874 † Doull, Walter Scott.
1895 Duchemin, Henry Pope, 1, 28.
1873 Duff, Kenneth.
1879 † Emerson, Robt. Rich. Jas, 30.
1900 Farquharson, Wm. Oban.
1897 Faulkner, Ebenezer Ross.
1893 Finlayson, Duncan, *M.P. P.*
1897 Fisher, Arthur Franklyn, *B.D.*
1899 Fisher, Franklin.
1890 Fisher, James Mitchell.
1900 Fisher, John Andrew.
1885 Fitzpatrick, Hiram Henry Kirkwood, *LL.B.*, 12.
1875 Fitzpatrick, James
1902 Fleming, Ernest Martin, 13.
1900 Flemming, Ethel Augusta.
1887 Forbes, Antoinette.
1893 Forbes, Edgar William
1899 Forbes, George Ernest.
1897 Forbes, William.
1868 † Forrest, James.
1901 Forrest, Jean Fairbanks, 22.
1895 Foster, Arthur Hayward, *B.D.*
1895 Frame, David Annand.
1889 *p* Fraser, Alexander, 11.
1895 Fraser, Alex. Lewis, *B. D.*
1887 Fraser, Donald.

---

† Deceased.
a Sometime Scholar, Harv.; Prof. of Latin (Colorado Coll.)
b Supt of Schools, North Attleboro, Mass.
c Principal Alexandra School, Hfx.
d Lecturer on Torts, Dalhousie Coll.
e Sometime Fellow, (Harv.); Prof. of Math. (Armour Instit., Chic.)
f Prof. of Histology Hfx. Med. Col., Examiner in Bacteriology and Pathology, Dal. Coll.
g Prin. of Truro Academy.
h Engineer of N.S. I. & S. Co., Wabana, Nfld.
Sometime Fellow and Instr. in Comp. Religion (Chicago). Prof. of Hebrew (Bible Normal Coll., Hartford).
j Sometime Scholar (Cornell); Prof. of History (Wisconsin Univ.)
k Sometime Scholar (Cornell.)
l Sometime Gilchrist Scholar, Vans Dunlop Scholar (Edin.) and Instr. in Exper. Phys. (Purdue)
m Sometime Fellow, now Prof. of Log. and Metaphys., (Cornell) and Co-Editor *Philos. Review* and *Kant's Studien.*
n Asst. Prof. (Agric. Coll., Guelph).
o Scholar (Harv.)
p Sometime Schol. & Fellow (Clark).

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1895 Fraser, Daniel Alexander, 22.
1872 *a* Fraser, Duncan Cameron, *M.P.*
1874 Fraser, Daniel Stiles.
1894 † Fraser, Hugh McLeod.
1889 Fraser, John Keir Geddie.
1883 Fraser, William Matheson, 24.
1882 *b* Fraser, Wm. Ritchie, *Ph D.*
1889 Frazee, Victor Gladstone.
1889 Fulton, Clarence.
1890 † Fulton, Eben.
1889 *c* Fulton, Edw., *M.A.*, *Ph D.*, 9, 26
1876 Fulton, Geo. Herb., *M.D.*, *CM.*
1902 Fulton, Thos, Truman.
1888 Fulton, Willard Hill.
1885 Gammell, Isaac, 9, 26.
1878 George, John Lyall, 23.
1899 Glover, Benjamin
1891 Goodwin, Emily Maud.
1902 Gordon, Jean Anna May.
1892 *d* Graham, Robert Henry.
1898 † Grant, Clarence Fraser, 2.
1888 Grant, David Kenzie
1896 *e* Grant, George Alexander.
1894 Grant, Milton Daniel.
1894 Grant, Melville Finlay.
1897 † Grant, Mary Sibella.
1894 † Grant, Robert J, *B. D.*
1901 Grant, William McDonald.
1877 † Grant, William Roderick.
1892 Gratz, Humphrey Gilbert.
1894 Gray, William Smith.
1891 Grierson, John Arthur.
1890 *ee* Grierson, Robert.
1872 Gunn, Adam.
1901 Hallam, Wm. Thos., 2.
1877 Hamilton, Howard Herbert.
1892 *f* Harrington, Emily Bevan, 9.
1901 Harvey, Edward Kitson, 22.
1889 Harvey, McLeod.
1897 Hattie, Robert McConnell,
1899 Hebb, Arthur Morrison.
1894 Hebb, Bertha Boyd.
1900 Hebb, Thomas Carlyle, 15, 29.
1889 *g* Henry, Joseph Kaye, 30.
1895 Hepburo, Wm. Murray, 21.
1877 Herdman, Andrew Walker.
1874 Herdman, Jas. Chalmers. *D.D.* 2.
1874 Herdman. William Close.
1897 Hetherington, Eva Florence.
1896 Hill, Allan Massey, *B D.*
1892 *h* Hill, Albert Ross, *PhD.*, 11, 24.
1894 Hobrecker Clara Charlotte, 8.
1898 Hockin, John George 21.
1893 Howatt, Cornelius Alfred.
1902 Howatt. Irving Brass, 22, 30.
1891 *i* Hugh David Douglas, *B. A.*, *M. A.*, 11, 24.
1873 Hunter, John.
1896 Irving, Thomas.
1894 Jamieson, Harriet Jane.
1894 Johnson, Ebenezer William.
1892 Johnson, George Fulton, *B.A.*, *B D.*, 11.
1888 † Johnson, George Millar.
1892 Johnson, James Bayne.
1900 Johnstone, Montague Malcolm Stuart, 2.
1884 Jones, Frank.
1891 Jordan, Elijah John, 12.
1895 *j* Jordan, Edward Elliott, 13. 25.
1875 *k* Jordan, Louis Hy., *B. D.*, 23.
1893 Keefiler, Ralph Tupper.
1899 Keith, Donald.
1898 Kennedy, Elizabeth Erota.
1901 Kennedy. James Horace.
1891 Kennedy, James Simon.
1900 *l* Kent Harry Arnold, 21, 30.
1880 Kinsman, Frederick Smallwood. *M. D.*
1882 Knowles, James Harris, *M. D.*
1890 Laird, Alexander.
1889 *m* Laird, Arthur Gordon, *Ph. D.*, 1, 23.
1877 Laird, George Alexander.
1882 Landells, Robert.
1885 Langille, Robert McDonald, *LL. B*, 12, 24.
1901 Lawson, David Alex.
1895 Lawson, Thomas, 14.
1895 Layton, James Smith.
1901 Layton, Robert Blackwood.
1886 Lewis, Abner Wm., *B. D.*
1898 Lewis, Bessie Blanche.
1890 *n* Lewis, Ernest William, 22.
1870 *o* Lindsay, Andrew Walker Herdman, *M. B*, *C. M.*
1899 *p* Lindsay, Chas. Fowler, *Ph.D.* 19.
1867 Lippincott, Aubrey. *M.D.*
1885 Locke, Robert Todd.
1898 Logan, Bessie Margaret.
1893 *q* Logan, John Dan., *Ph.D.*, 11.
1894 *r* Logan, Jotham Wilbert, 1, 28.
1873 Logan, Melville D.
1877 Logan, Richmond.
1893 McArthur, Samuel Johnson, *B. D.*
1901 MacCaskill, John James.
1891 McCurdy, James Farquhar.
1877 McCurdy, Stanley Tupper.
1901 Macdonald, Archibald J.
1892 Macdonald, Alvin Fraser.
1892 Macdonald, Alex. John.
1895 Macdonald, Blanche, 14.
1873 MacDonald, Chas. DeWolf.
1898 Macdonald, Daniel John
1884 McDonald, Donald, *B. D.*
1901 Macdonald, Ewen.
1893 McDonald. Ida Grace.
1883 Macdonald, James Alex., 14, 24.
1867 † McDonald, John H.

† Deceased.
a Sometime Member N. S. Govt.
b Sometime Scholar, (J.H.U): Prof. of Ancient Languages (Cosmopol. Univ.) Lecturer (McGill.)
c Sometime Scholar (Harvard) and Prof. of English (Wells Coll). Asst. Prof. of Rhetoric (Illinois.)
d Sometime Mayor, New Glasgow.
e Missionary, Demerara.
ee Medical Missionary, Korea.
f Sometime Scholar (Bryn Mawr.)
g Teacher, (Vancouver High School.)
h Sometime Scholar and Fellow (Cornell): Prof. of Philosophy, (Colorado).
i Sometime Fellow (Cornell); Prof. of Psychology State Normal Schl. (Colorado).
j Instructor in Mathematics (Prince of Wales Coll.)
k Lecturer in Comp. Relig. (Chic.)
l Prin. Naparima Coll. (Trin.)
m Sometime Fellow (Cornell): Prof. of Greek (Wisconsin).
n Prin of Restigouche Gram. Sch.
o Prof. of Anatomy (Halifax Med. Coll.)
p Sometime Fellow (J.H.U.) Demon. Chem. (McGill Univ.)
q Sometime Scholar (Harv.) and Interim Professor of Philosophy (Ursinus Coll): Prof. of Philosophy (Univ. So. Dakota)
r Lecturer on Classics (Dal. Coll).

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1900 *a* Macdonald, Murdoch Stewart, 11.
1894 Macdonald, Peter Maclaren.
1889 Macdonald, Robert James.
1888 Macdonald, William.
1881 McDonald, Wallace Mortimer.
1900 Macdonald, Wentworth Stanley, 1, 28.
1876 † McDowell, Isaac Murray.
1891 McGlashen, John Arch., *B.D.*
1874 McGregor, Daniel.
1871 *b* MacGregor. James Gordon, *D. Sc*, *F. R. SS. L. E. & C.*
1896 MacGregor, Robert Malcolm, 21, 30.
1883 MacGregor, Thomas Spear 14.
1899 MacIntosh, Charles Campbell.
1895 McIntosh, Charles Daniel.
1890 Mackintosh, David Charles.
1892 McIntosh, Don. Sutherland, 22.
1902 McIntosh, Douglas, *M.A.*, *M.Sc.*
1901 Mackintosh, Finlay Grant.
1898 Mackintosh, Finlay H.
1894 Macintosh, John, *B. D.*, 11.
1892 MacIntosh, John Alex., 22.
1900 Mackintosh, Peter Duncan.
1873 *c* MacKay, Alexander Howard, *B. Sc.*, *F. R. S. C.*, 14.
1897 MacKay, Alexander Leonard,
1894 † Mackay, Angus William, 11.
1899 Mackay, Annie.
1898 McKay, Catherine Wetmore.
1893 Mackay, Don. MacGregor. *M.D.*
1890 McKay, Duncan Oliver, 18.
1886 *d* Mackay, Eben, *Ph.D.*, 17, 27.
1888 Mackay, H. Martin, *B.A.*, *Sc*, 14
1897 *e* McKay, Ira, *Ph. D.*, 11.
1894 Mackay, John Daniel, *B. D.*
1868 McKay, Kenneth.
1896 McKay, Mary Alexandra.
1892 Mackay, Murdoch Sutherland.
1886 Mackay, Neil Franklin, 17, 24.
1900 MacKay, Nora Katrina
1893 *f* McKay, Thomas Calvin, 22.
1901 McKay, William Alfred.
1896 McKay, William Roderirk.
1900 McKee, Mabel.
1873 McKeen, James Abner.
1902 McKeen, William George.
1885 *g* MacKenzie, Arthur Stanley, *Ph.D.*, 14 25.
1900 Mackenzie, David Wallace, 14.
1894 MacKenzie, Ellen Margaret.
1899 † MacKenzie, Geo. Norris, 11, 28.
1899 McKenzie, George Wm., 14.
1872 MacKenzie, Hugh.
1878 McKenzie, James.
1899 MacKenzie, Janie Lucinda.
1898 McKenzie, John Bradshaw.
1869 *h*† MacKenzie, John James, *Ph.D.*
1882 McKenzie, James Walter.
1902 MacKenzie, Kenneth Ferns, 3, 28.
1901 MacKenzie, Luther Burns.
1888 *i*† McKenzie, William John.
1902 MacKenzie, William Roy.
1901 Mackie, Irwin Cameron, 21.
1900 McKinnon, Duncan Hugh.
1890 MacKinnon, John Archibald.
1877 *j* McKittrick, Burgess, 24.
1893 McLean, Charles Archibald.
1879 † Maclean, Isaac Matheson, *M. D.*, 2.
1876 McLean, James Alexander.
1891 Maclean, John Brown, *B. D.*
1897 Maclean, Lauchlin Alexander.
1897 MacLean, Stewart Clifford, 13.
1899 McLellan, Leander Blair.
1883 McLennan, John Wm., *B.D.*, 30.
1888 McLennan, Samuel John.
1889 MacLeod, Albert Morrison.
1875 † McLeod, Alexander, *Ph.D.*
1888 *k*† McLeod, Ambrose Watts, *M.A.*, 12
1871 McLeod, Donald.
1901 MacLeod, Colin Arthur.
1900 Macleod, Edward Annand, 2.
1890 *l* Macleod, Fred Jos., *M. A.*, 5, 23.
1888 MacLeod, George, 9, 26.
1885 McLeod, John Matheson, *M.A.*
1884 McLeod, John Peter, 1, 23.
1876 † McLeod, John Wilson.
1887 McLeod, Malcolm James, 13.
1891 McMillan, Charles Edward.
1891 McMillan, Frederick Alex.
1875 McMillan, George, 24.
1895 McNairn, William Wallace.
1891 McNaughton, Elizabeth.
1867 McNaughton, Samuel.
1887 MacNeill, Charlotte Mary, 9.
1896 *m* Macneill, Murray, *M.A.*, 13, 25.
1892 McNeill, Roderick.
1897 McOdrum, Donald.
1901 Macpherson, Malcolm James.
1894 McPhee, Margaret Janet.
1893 Macrae, Arch. Oswald, *Ph. D*, 12.
1886 Macrae, Alex. Wm., *M.A.*
1898 *n* MacRae, Donald Alex., 1, 28.
1896 *o* McRae, Duncan Murdoch.
1891 *p* Magee, Wm. Henry, *Ph. D.*
1896 Mahon, Harry Edmund.
1901 Main, Charles Ogg
1900 Mair, Catherine Firth.
1893 Martin, Albert John Daniel.
1885 Martin, Kenneth John, 14.
1877 Mason, William Alexander.
1888 Matheson, John Alex., *B.D.*
1897 Maxwell, George Herbert.
1897 Maxwell, Ruth Ellen.
1882 Mellish, Humphrey.

---

† Deceased.
a Scholar (Cornell).
b Sometime Gilchrist Scholar, Lect. on Physics, Clifton Coll., Eng., and Prof. of Physics, (Dal. Coll.), now Prof. of Nat. Philos., (Edin.)
c Superintendent of Education, N.S.
d Sometime Fellow (J H.U.); Prof. of Chemistry (Dal. Coll.)
e Sometime Scholar and Fellow (Cornell).
f Assistant in Physics (Harvard).
g Sometime Fellow (J.H.U.); Prof. of Physics (Bryn Mawr).
h Sometime Prof. of Physics, (Dal. Coll.)
i Sometime Missionary, Korea.
j Principal of Lunenburg Academy.
k Sometime Scholar (Harvard).
l Sometime Scholar (Harv.) Sometime Prof. of English (Nebraska).
m Sometime Fellow (Cornell) and Instructor in Math., Anglo-Saxon School, Paris, and Asst. to Prof. of Math., (Dal. Coll.); Fellow in Math. (McGill).
n Sometime Scholar and Fellow now Instructor in Greek, (Cornell).
o Missionary, Korea.
p Sometime Fellow, and Assistant in Chemistry (Cornell); Prin. High School, Parrsboro.

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1899 Messenger, Ralph James, 14.
1869 Millar, Ebenezer D.
1890 Millar, George.
1897 Millar, James Ross.
1901 Miller, Lemuel James, 22.
1894 Milligan. George Seaton.
1899 Moody, Georgina Maud, *M.A.*
1902 Moody, Margaret Hutton.
1891 *a* Moore. Clarence Leander, 22
1891 Morash, Albert Victor.
1895 Morris, Clarence H.
1888 *b* Morrison, Alex. McGeachy, 13, 25.
1902 Morrison, Bertha Leila.
1901 Morrison, Fred Augustus, *LL.B.*
1900 Morrison, John Wm. Geddie.
1898 Morton, James Roland.
1876 Mortou, Joseph Smith, *M.D.*
1895 Morton, Rupert Freeman
1886 *c* Morton, Silvanus Arch, 13, 25.
1891 Munro, Christopher.
1878 Munro, George William.
1899 Munro, Henry Fraser.
1876 Munro, John.
1896 Murdoch, William Clarence.
1899 Murray, Adam Hy. Stewart, 13.
1884 *d* Murray, Daniel Alexander, *Ph.D.*, 14, 25.
1896 Murray, John Carey, *B. Sc.*
1877 † Murray, John Sprott.
1897 *e* Murray, John Tucker, 9.
1893 Murray, Lucy Christine, 11.
1898 Murray, Norman Grant.
1894 *f* Murray, Robt Harper, *LL.M.*
1896 Murray. L. Wilbur.
1902 Myers, Alex. John Wm., 22
1900 Myers Charles Allan. 21.
1878 *g* Newcombe, Edm. Leslie, *LL.B.*
1885 *h* Newcombe, Marg. Florence, 10
1886 Nicholson, Alfred, *M.A.*, 14.
1902 Nicholson, Daniel John.
1897 Nicholson, John Wm. Angus, 9.
1901 Nicholson, William.
1898 † Noble, John Duncan.
1896 Oakes, Ingram.
1899 O'Brien, Clarence Wilbert.
1898 O'Brien, Milton Addison.
1899 O'Brien, Osmond Franklin.
1891 † Oliver, Allyne Cushing Litchfield, 22.
1899 Outhit, William Edward.
1874 Oxley, Jas. Macdonald, *LL.B.*, 12.
1889 Paton, Vincent John.
1882 Patterson, George Geddie.
1877 † Pitblado Colin, *M.B.*, *C.M.*
1895 Polley, James Frederick.
1872 † Pollok, Alexander W.
1893 Putnam, Harold.
1889 † Putnam, Homer.
1894 Putnam, James Fleming.
1887 Putnam, William Graham, *M.B.*, *C.M.*
1900 Ramsay, Ernest Herbert, 21.
1899 Ramsay, James Archibald.
1902 Rand, Annie Mack.
1898 Rankine, James Miller.
1900 Rankine, John.
1890 Rattee, Edward Joseph.
1900 Read, Edith MacGregor, 14.
1898 Read, Hibbert Robert.
1897 Reid, David McKeen.
1899 Rice, Grace Elizabeth Bernard.
1902 Richardson, Lophemia.
1902 Rielly, John Franklin, 13.
1896 *i* Robb, Alexander Francis.
1892 *j* Robertson, Samuel Napier.
1888 Robertson, Thos, Reginald, 30.
1895 *kt* Robins, Edwin Proctor, 11, 28.
1886 *l* Robinson, Alexander, 1, 23.
1891 Robinson, Charles Budd, 21, 30.
1893 *m* Robinson, David Magee.
1885 *n* Robinson, George Edward, 14.
1873 Robinson, Joseph Millen, *D.D.*
1896 Rodgerson, James Alexander Cummings, 22.
1878 Rogers, Anderson.
1867 Ross, Alexander.
1897 Ross, Arthur.
1900 Ross, David Charles.
1901 Ross, Daniel Edward.
1893 Ross, George Edw, *B.D.*, 22, 30.
1899 Ross, George Murray.
1893 Ross, Hedley Duncan Vicars, *B.A.*, *Ph D.*, 5.
1895 Ross, Jennie Wright, 21, 30.
1900 Ross, John Samuel.
1894 *o* Ross, Mary Sophia, 13.
1899 Ross, Theodore, 21, 30.
1873 Ross, William.
1898 Ross, William Alexander.
1896 Ross, William Daniel.
1899 Routledge, Arthur Weston.
1890 *p* Rowlings, George Anderson Row, 14.
1901 Ruggles, Vernon Douglas.
1871 Russell, Alexander Gatherer
1890 *pp* Schurman, George Wellington, *LL.M.*, 21
1872 *q* Scott, Ephraim.
1876 *r* Scott, Hugh McDonald, *D.D.*
1877 † Scott, John McDougall.
1881 Sedgewick, James Adam, 30.
1867 *s* Sedgewick, Hon. Robert.
1902 Sedgewick, George Herbert, 3.
1898 Sedgewick, Wm. Harry, 21, 30.
1896 Sedgewick, William Middleton
1887 Shaw, Henry Curtis, 10.
1887 *t* Shaw, Jas. Curtis, *M.A.*, 1, 23.
1897 Shaw, Percy James.
1866 † Shaw, Robert.

† Deceased.
a Sometime Lect. in Botany (Dal.)
b Sometime Instructor in Physics, (Chicago Univ.)
c Lecturer on Descriptive Geometry, (Dal. Coll.)
d Sometime Fellow (J. H. U.) and Asst. Prof. of Math. (Univ. of City of New York); Professor of Mathematics, (Dal. Coll.)
e Instructor in English (Univ. of Cincinnati).
f Sometime Lect. on Law. (Un., Me.)
g Deputy Minister of Justice
h Teacher Halifax Ladies' College.
i Missionary, Korea.
j Prin. of Prince of Wales Coll, P.E.I.
k Sometime Scholar and Fellow (Cornell).
l Supt. of Education, Brit. Columbia.
m Teacher (Vancouver).
n Teacher (Vancouver High School.)
o High School, Honolulu
p Sometime Assistant to the Prof. of Mathematics, Lecturer on Torts, (Dal.)
pp Assistant District Attorney, New York.
q Editor, *Presbyterian Record.*
r Prof. of Ch. History (Chic. Theo. Sem.)
s Judge of Supreme Court of Canada.
t Sometime Scholar (Harvard), Prin. High School (Vancouver).

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1902 Shaw, Robert McLeod.
1897 Shinner, Harry Robert.
1894 *a* Simpson, Francis S., *B. A.*, 9.
1868 Simpson, Isaac S.
1900 Simpson, Ruth.
1895 Smith, Alexander.
1867 Smith, David H.
1867 Smith, Edwin.
1890 Smith, Edmund Botterell, *M.A.*
1886 † Smith, James Festus. *B.D.*, 10.
1894 Smith, William Henry, *B.D.*
1889 Smithers, Allan
1888 *b* Soloan, David Matthew, 10.
1900 Spencer, Arthur Gordon.
1881 Spencer, William Herbert.
1891 *c* Stairs, H. Bertram, *D. S. O*
1902 Stavert, Robert Hensley.
1898 Steeves, Blanchard Perley.
1887 *d* Stewart, Alex. Forrester, 39.
1886 Stewart, Dugald, *M.D.*, 13.
1889 *e* Stewart, Frank Ingram.
1876 † Stewart, Jas. MacGregor, 14, 24.
1882 Stewart, Thomas, *B. D.*
1896 Stirling, Alexander Dinwoodie.
1895 Stirling, John, 11, 28
1875 *f* Stramberg, Hector M.
1895 Strathie, Ralph Grant, *B.D.*
1902 Stuart, Mary Ethel.
1896 *g* Sutherland, George Adams.
1869 Sutherland, John M.
1888 Sutherland, John Sanders, 9, 24.
1894 Tattrie, George Phillips.
1884 † Taylor, William Bell.
1902 Thomas, Louise Lorne.
1885 Thompson, Alfred Whidden, *M. A.*, 10.
1891 Thompson, Fenwick Williams.
1897 Thompson, Margaret.
1893 Thompson, Willard Sutherland
1880 Thompson, Albert Edward, *M. B*, *C. M.*, 30.
1900 Thompson, Charles, Alex., 1, 28.
1870 *h* Thorburn, Walter Millar.
1882 Torey, Edgar James.
1895 *i* Trefry, James Hartley.
1872 *j* Trueman, Arthur I., *D. C. L.*
1882 *k* † Trueman, James Starr, 2, 23.
1885 Tufts, Wm. Mann, *D. D.*, 30.
1891 *l* Tupper, James Waddell, *Ph. D.*, 9, 23.
1884 Turner, Dawson Fyers Duckworth, 30.
1902 Vance, Fred. Smith.
1877 *m* Waddell, John, *Ph.D.*, *D. Sc.*, 14 23.
1897 Waddell, Wm. Henry, jr.
1870 Wallace, John.
1898 Watt, Arthur William, 13.
1892 *n* Webster, Kenneth Grant Tremayne, *M. A.*, *Ph.D.*, 9.
1900 Weldon, Jos. Wm., 22.
1891 West, Thomas Fred.
1892 Weston, Clara Paine, 14.
1892 Weston, Rolfe Andrews, 14.
1878 Whitman, Alfred.
1901 Williams, Winifred Boak, 22.
1897 Wilkie, Florence Annie.
1898 Wood, George.
1900 Worsley, Pennyman John.
1894 Yorston, Frederick, *B. A.*, 10.

BACHELORS OF LETTERS.

(For the signification of numbers affixed to the names, see page 147.)

1902 Cann, Jeanette Aubrey, 11, 28.
1897 Crockett, Albert Edwin.
1892 Fraser, James Gordon.
1895 Gunn, Alexander Donald.
1896 Hill, Amy.
1899 Hobrecker, Alma Helena.
1896 Johnston, James Robinson.
1900 Lanos, Jules Marie.
1899 Lawlor, Gertrude Louise, 13.
1894 Macdonald, Alex. Donald.
1895 McKay, William Park.
1898 MacKinnon, Wm. Thos. Morris.
1896 Marshall, Lillian Elizabeth.
1891 Montgomery, John.
1891 *o* Muir, Ethel, *Ph.D.*
1887 *p* Ritchie, Eliza, *Ph. D.*, 11.

---

† Deceased.
a Prin. of New Glasgow High School.
b Prin. Normal School. Truro.
c Capt. H. Company, R. C. R. I.
d Engineer, Transvaal.
e Principal Sydney Academy.
f Prin. Westminster High School.
g Missionary, Demerara.
h India Civil Service, Madras.
i Prin. Morris Street School, Halifax.
j Judge of Probate, St. John, N. B.
k Sometime Scholar (J. H. U.), and Prof. of Greek and Latin (Allegheny Coll.)
l Sometime Scholar (J. H. U.); Prof. of English, Western Univ., Ont., now Associate in English, (Bryn Mawr Coll.)
m Sometime Vans Dunlop Scholar, (Edin.), and Prof. of Chemistry, School of Mining, Kingston.
n Sometime Scholar (Harvard).
o Prof. of Philosophy (Women's Coll, Pittsburg.)
p Sometime Fellow (Cornell), and Prof. of Philosophy (Wellesley Coll).

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BACHELORS OF SCIENCE.

For the signification of numbers affixed to the names, see page 147.)

1900 Anderson, Bernard Chas., 13.
1897 *a* Archibald, Eben. Hy., *Ph.D.*, 29.
1893 Arthur, George
1897 Blair, Alexander David.
1901 Boehner, Reginald Stephen, 20.
1882 Cameron, Alexander George.
1900 Campbell, Dun. McDonald, 14.
1885 *b* Campbell, Geo. Gordon, *M. D.*
1898 Cook, Alexander David.
1899 Cordiner, Charles Alonzo.
1902 DeWolfe, Loran Arthur.
1902 Forrest, George Munro.
1895 Forrest, William Duff.
1880 Fraser, Wm. Matheson, 24.
1901 Gould, William Matthew, 14.
1902 Hebb, Thomas Carlyle, *M.A*, 29.
1895 Lange, Christian Christoph, Andrew, 22.
1902 Lindsay, Murdoch Alex., 20.
1883 McColl, Archibald.
1896 *c* McIntosh, Douglas, *M. A.*, *M Sc.*, 20, 29.
1896 McIntosh, Donald Sutherland.
1892 MacKeen, Geo. Wilbert, *M. D.*
1894 McKittrick, Frederick James Alexander, 14, 29.
1885 Miller, John James
1898 Morrison, Hugh Thomas, 14.
1901 O'Brien, Mary Augusta, 21, 30.
1893 O'Brien, Robert Faulkner.
1900 *d* Pasca, C. Munro, *B. A.*, 15, 25.
1883 Reid, Arthur Gordon, *M. B.*, *C. M.*, 13, 25.
1884 Smith, Henry McNeil.
1886 *e* Stewart Anne Amelia, 14.
1901 Stewart, Wm. Edgar.
1900 Stewart, Eliz. Helen, 20.
1897 *f* Tait, Jas. Sinclair, *B. Sc.* (Mt. All.), *M. D., ad eundem.*
1901 Wood, Burton Justice.

BACHELORS OF LAWS.

1897 Aitken, Robert Traven Davison, *B. A.*
1891 Allison, Edmund Powell, *B. A.*
1900 Allison, Harry Augustus, *B.A.*
1893 Anderson, Albert Hudson, *B.A.*
1890 Armstrong, Bennett Hornsby.
1884 Armstrong, Ernest Howard
1899 Ayre, Geo. Wm. Bulley.
1895 Barnstead, Art Stanley, *B. A.*
1900 Begg, Wm. Alex.
1885 Bennett, Albert Watson.
1893 Bennett, Richard Bedford, *M, L. A.*, (N. W. T.)
1896 Bigelow, Harry Veeder, *B. A.*
1892 Bill, Edward Manning, *B. A.*
1902 Bill, Jno. Philip Wiser, *B. A.*
1892 Blackadar, Hugh Saxon, *B.A.*
1885 Boak, Henry Westman Conroy
1894 Borden, Henry Clifford.
1890 Bowser, William John.
1898 Boyd, John Albert, *B.* A.
1893 *g* Brown, Harry Whidden, *B. A.*
1899 Burchell, Charles Jost, *B. A.*
1894 *h* Burns, Clement Bancroft, *B.A.*
1880 *i* Cahan, Charles Hazlitt, *B. A.*
1902 Calder, Arch. Clements.
1892 Calder, Frederick.
1893 Cameron, Daniel Alexander.
1899 Cameron, Jno. Alex. Hugh, *B.A*
1889 Campbell, Alex. John, *B. A.*
1888 Campbell, John Roy, *B. C. L.*
1887 Carter, Titus James.
1886 Carter, William Doherty.
1892 Casey, Clarence E., *B. A.*
1902 Chipman, Frk. Bev. Allen, *M.A.*
1886 Chisholm, Joseph Andrew.
1887 Cluney, Andrew.
1891 Congdon, Frank Hinkle.
1889 Congdon, Fred Tennyson, *B.A., L.L.B.* (*Tor*), *ad eund. grad.*
1894 Copp, Arthur Bliss.
1892 Corbett, Jacob Edward.
1894 Crowe, Robert William, *B.A.*
1886 *j* Crowe, Walter.
1901 Cumming, Lyman Hodge.
1898 Cummings, Alf. Graham, *B. A.*
1889 Cummings, Selden Wm, *B. A.*
1900 Davison, Avard Longley, *A. B.*
1891 Davison, Jas. McGregor, *B. A.*
1892 † Dockrill, George O'Gorman Mahon.
1899 Douglas, John Carey, *A. B.*
1885 † Doull, Walter Scott, *B. A.*
1892 Doyle, Ma thew Nicholas.
1890 Fairweather, Fredk. Laurence.
1891 Fairweather, Stewart Lee.
1899 Fawcett, John Louis.
1897 Ferguson, Wm. McMillan.
1895 Finlayson, Duncan, *B. A.*, *M. P. P.*
1898 Finn, Robt. Emmett Dominick
1889 Forsythe, Geo Ormond, *B. A.*
1890 Frame, Joseph Fulton.
1892 *k* Fraser, Alex Hugh Ross.
1898 Fraser, Thomas Munro.
1899 Freeman, Churchill Locke, *B.A*
1895 Fullerton, Charles Percy.
1892 Fulton, Edgar Melvi le.
1893 Fulton, Joseph Avard.
1892 Fulton, Willard Hill, *B. A.*
1895 Girroir, Edward Lavin, *B.A.*
1893 Graham, Robert Blackwood.
1894 *l* Graham, Robert Henry, *B A.*
1895 Grant, David Kenzie, *M. A*
1899 Gray, William Smith, *B. A.*
1888 Gregory, Charles Ernest.

† Deceased.
a Sometime Asst. in Chem. (Harv.), Demon Chem. (McGill)
b Lecturer on Clin. Medicine (McGill)
c Dem. Chem. (McGill Univ.)
d Whiting Fellow (Harv.)
e Sometime Fellow (Bryn Mawr)
f Med. Supt. Hos. for Insane, Nfld.
g Priv. Secy. Min. Militia, Ottawa.
h Priv. Secy. Min. Finance, Ottawa.
i Lecturer on Torts (Dal. Coll.)
j Mayor of Sydney, C. B.
k Law Librarian (Cornell Univ.)
l Sometime Mayor of New Glasgow.

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1893 Grierson, John Arthur, *B. A.*
1897 Gunn, Alexander Donald, *B.L.*
1900 Hale, Morley, *B.A.*
1900 Hall, William Lorimer, *A.B.*
1890 † Hamilton, Chas. Francis, *B. A.*
1901 Hanson, Rich. Burpee, jr., *B.A.*
1887 Hanright, Fredk. Wm., *B.A.*
1902 Harris, William James.
1886 Henry, William Alexander.
1894 Hewson, Edgar Ellis, *B. A.*
1894 Hill, William Arthur Gesener.
1896 Hood, John.
1890 Howay, Frederick William.
1890 Huggins, William Hugh.
1894 Irving, Robert Archibald.
1902 Irwin, Harry.
1895 Ives, Welsford Black.
1900 Jardine, David, *B. A.*
1896 Jenks, Stewart Dixon, *LL. B.*
1886 Jennison, Hedley Vicars.
1892 Johnstone, Lewis Martin.
1898 Johnston, Jas. Robinson, *B.L.*
1888 Jones, Harry Treadway.
1898 Kaulbach, Rupert Creighton.
1895 Keefler, Ralph Tupper, *B. A.*
1901 Keith, Donald, jr., *B.A.*
1893 Kenny, Joseph Burke.
1899 Killam, Cecil, *A. M.*
1895 King, Henry Wyeth DeWolfe
1897 Knight, James Arminius.
1887 Lane, Charles Wilkins.
1898 Leahy, William James.
1885 LeNoir, Melaim Uniacke.
1902 Lockhart, Nathan Jos., *B. A.*
1891 Logan, Hance James, *M.P.*
1896 Loggie, William James.
1889 Lovett, Henry Almon, *B. A.*
1895 Lovett, Laurence Arthur.
1887 Lyons, William Alexander.
1890 *a* McBride, Hon Richard.
1896 † McCart, Leander Davison, *B A.*
1893 McCoy, Wensley Blackall, B.A
1888 McCready, Charles Alexander.
1887 McCully, Frank Arthur.
1894 Macdonald, Alvin Fraser, *B.A.*
1891 McDonald, Allan Joseph, *B.A.*
1887 Macdonald, Edward Mortimer, *M. P. P.*
1899 MacDonald, Finlay.
1891 McDonald, Joseph.
1886 Macdonald, James Alex., *B. A.*
1892 McDonald, Lauchlin Xavier.
1890 McDonald, William, *B. A.*
1902 Macdonald, William Rod.
1898 MacEchen, Francis Alexander.
1895 MacIlreith, Robert T.
1888 *b* McInnes, Hector:
1899 McIntyre, Archie A., *B. A.*
1888 *c* Mackay, Adams Archd., *B. A.*
1899 MacKay, Henry Seaton.
1899 MacKay, John James.
1897 McKay, John William.
1896 McKay, Robert Sims.
1897 MacKenzie, Alex George.
1887 Mackinnon, Donald Alexander, *M. P. P.*, (*P. E. I.*)
1892 MacKinnon, John Archd., *B.A*
1897 McKinnon, John Lauchlin, *B.A*
1898 McLatchy, Harry Otis.
1887 McLatchy, Henry Fracis
1892 McLean, Alex Ken., *M. P. P.*
1895 McLean, Chas Archibald, *B.A*
1898 McLeod, John Robert.
1888 McLennan, Daniel.
1899 MacMillan, Neil A., *B. A.*
1891 McNeil, Alexander, *B A.*
1889 McNeill, Albert Howard, *K. C.*
1901 Macneill, Malcolm George.
1890 McPhee, Daniel Lochlan.
1897 McPhie, Stewart.
1896 McVicar, Ronald.
1900 Maddin, James William.
1888 † Magee, Edgar Allison.
1898 Mahon, Harry Edmund, *B. A.*
1893 March, Stephen Edgar.
1892 Mathers, Frederick Francis.
1901 Matheson, Donald Frank.
1899 Matheson, Joseph Duncan.
1890 Mellish, Humphrey, *B. A.*
1886 Milliken, Albert Edward.
1898 Mills, Nehemiah Marks.
1893 Montgomery, John, *B. L.*
1885 † Mooney, Patrick C. C.
1892 *d* Morine, Hon Alfred Bishop, *M. P., Nfld.*
1888 Morrison, Aulay McAulay, *M. P.*
1897 Morrison, Fred Augustus.
1897 † Morrison, Jno. Strople Metzler.
1885 Morse, Charles.
1897 Moseley, Edgar William.
1893 Munro, Henry Havelock.
1899 Murphy, Thomas William.
1901 Murray, Norman Grant, *B. A.*
1892 Murray, Robert Gray.
1896 *e* Murray, Robert Harper, *B. A. LL. M.*
1899 Newcombe, Louis Forrester.
1898 Nichols, Edward Hart, *B.A.*
1899 Nichols, Frank William, *A.B.*
1898 Nichols, George Everard Edgehill.
1890 Notting, Thomas.
1898 Oakes, Ingram, *B. A.*
1898 O'Connor, William Francis.
1897 O'Donoghue, Richard, *B. A.*
1900 O'Hearn, Walter Jos Aloysius.
1901 *f* Oland, John Culverwell.
1899 O'Mullin, John Coll.
1895 Outhit, James Francis.
1890 Oxley, Charles Howard, *B. A.*
1898 Parsons, George Harold, *B. A.*
1898 Parsons, William Rufus, *B.A.*
1891 Paton, Vincent J., *B. A*
1889 Patterson, Geo. G., *M.A., M.P.P*
1893 Payzant, John Albert, *B.A.*
1894 Payzant, William Lewis, *B.A.*
1900 Pearson, George Frederick.
1897 Phalen, Robert Francis.
1896 Pineo, Avard Vernon, *B. A.*
1893 Puddington, Henry Fisher.
1901 Pugsley, William Gaetz *B. A.*
1898 Purdy, Henry Alden, *B. A.*
1898 Purney, Willard Parker.
1898 Putnam, Harold, *B. A.*
1901 Regan, Osmond R.
1902 Reid, Robert Alexander.
1901 Reynolds, Maynard Martin.
1902 Rhodes, Edgar Nelson, *B. A.*
1899 Richardson, John William.
1902 Ritchie, John W. Pringle, *B.A.*
1890 Roberts, John Arthur
1886 Robertson, Henry McNeil.
1898 Robertson, Henry Whitford.
1895 Robertson, Struan Gordon, *B.A.*
1890 Robertson, Thos. Reg'ld, *B. A.*

---

† Deceased.
a Sometime Minister of Mines, British Columbia.
b Lecturer on Procedure, and Treasurer (Dal. Coll.)
c Law Clerk N. S. Legislature
d Sometime Member of Newfoundland Government.
e Sometime Law Lect. (Maine Univ.)
f Lieut. S. A. Constabulary.

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1887 Rogers, Henry Wyckoff.
1889 Ross, Henry Taylor, *B. A.*
1899 Ross, Howard Salter. *A. B.*
1896 Ross Hugh.
1901 Routledge, Arth. Weston, *B A.*
1893 Rowlings, George Anderson Row, *B. A.*
1891 Russell, Frank Weldon, *LL.M.*
1893 Russell, Joseph Ambrose
1892 Sangster, Herb Warren, *B. A.*
1899 Sargent, Joseph Heinrich.
1892 *a* Schurman, George Wellington, *LL. M.*
1896 Scott, Frank Brettle, *B. A.*
1895 Sedgewick, Jas. Adam, *B. A.*
1891 Shaw, Alfred Enos, *B. A.*
1895 Shaw, George Smith.
1890 Sinclair, John Archibald.
1899 Slayter, James Morrow.
1892 Smith, Bowyer Sydney
1902 Squires, Richard Anderson.
1893 *b* Stairs, H. Bertram, *B.A., D.S.O.*
1889 Stevens, Daniel Joshua.
1901 Sutton, Francis James.
1896 Ternan, Gerald Constantine Brefni.
1900 *c* Ternan, Patrick Brefni.
1896 Thompson, Stanley Rufus.
1893 Thompson, William Ernest.
1887 Thomson, Walter Kendall.
1893 Tilley Leonard Percy De Wolfe.
1889 Tobin, Thomas Finlayson.
1895 Tremaine, Charles Frederick.
1886 Troop, Arthur Gordon, *B. A.*
1892 Trueman, Walter Harley.
1898 Tufts, Clifford Ashton, *B. A.*
1897 Vernon, Gilbert Hugh.
1899 Waddell, Wm. Henry, *B. A,*
1885 *d* Wallace, William Bernard.
1885 Walsh, William Walter.
1886 Wells, William Woodbury, *M. P. P., N. B.*
1891 White, Thos. Howland, *B. A.*
1889 Whitford, Joseph Arthur.
1885 Whitman, Alfred, *B. A.*
1891 Wickwire, Harry Ham, *B. A., M. P. P.*
1896 Wood, John Elijah, *B. A.*
1893 *e* Woodworth, Chs. Milton, *B A.*
1902 Worsley, Pennyman John, *B.A.*

DOCTORS OF MEDICINE AND MASTERS OF SURGERY.

1899 Almon, William Bruce.
1902 Archibald, Chas. Clifford.
1898 Archibald, Matthew George.
1899 Atkinson, Edward Payson.
1897 Bentley, Robie Dugwell, *B. A.*
1875 Bethune John Lemuel.
1897 Bissett, Ernest Eugene.
1902 Blackadar, Ross Livingstone.
1902 Borden, Lorris Elijah, *B. A.*
1900 Braine, Laurence Bernard Wilfred.
1900 Braine, Winifred Brenda.
1898 Brehm, Robert Almon, *L. R. C. P. (Lond.), M. R. C. S. (Eng.)*
1897 Brown, Martha Wyman.
1875 Bruce, William T., *B. A.*
1898 Buckley, Avery Fillis
1893 Byers, David Walter.
1902 Cameron, Clar. Patk. Purcell.
1901 Cameron, Harold.
1874 *f* Campbell, Donald Alexander.
1902 Campbell, Duncan Geo. Jos.
1874 Chisholm, Donald.
1893 Coady, Patrick Francis.
1901 Cochran, Wilfrid Northrup.
1902 Cock, James Lyall.
1894 Cogswell, William Furlong.
1902 Corston, Jas. Robt., *B. A.*
1875 Cox, Robinson.
1901 Crosby, Leander Marshall.
1894 Dechman, Andrew Arthur.
1872 † DeWolfe, George H. H.
1898 Dickey, Hugh Leverette.
1901 Dickson, Charles Harold.
1897 Dorman, Oscar Chipman,
1892 Drysdale, George Nelson.
1900 Dymond, Wm. Adams.
1900 Ernst, Victoria Sarah.
1895 Fairbanks, Harry Gray
1899 Farrell, Edward Dominick.
1899 Farrell, Louis Patrick.
1901 Faulkner, Eben Ross, *B. A.*, 1.
1900 Forbes, Albert Ernest.
1898 Forrest, William Duff, *B. Sc., L. R. C. P. (Lond.), M. R. C. S. (Eng.)*
1902 Fulton, Silas Arthur, 2, 3.
1897 Fraser, Alexander, *B. A.*
1898 Gandier, George Gaw.
1897 Gates, Charles Randall.
1900 Giovanetti, Louis John.
1899 Goodwin, Wendell VanKleeck.
1892 Grant, William.
1897 Grierson, Robert. *B. A.*
1894 Hamilton, Annie Isabella.
1891 Hamilton, Charles Alfred.
1902 Harris, Wm. Cecil.
1902 Hebb, Arth Morrison, *B. A.*
1872 † Hiltz, Charles William.
1892 Irwin, Archer.
1891 Johnson, Isaac Wellwood, *L. R. C. P. (Edin)*
1890 Kent, Hedley Vicars.
1902 Kirg, Alf. Albert. *B. Sc.*
1875 *g* Lindsay, Andrew Walker Herdman, *B. A., M. B C. M.*
1893 McAulay, Murdoch William.
1892 McCharles, Roderick William.
1898 MacDonald, Daniel.
1898 McDonald, Edw. Murray.
1895 MacDonald, John Clyde.
1896 MacDonald, William Henry.
1896 McEwen, Henry Emanuel.
1902 McGarry, Patk. Alphonso.
1893 † McGeorge, Thomas.
1899 MacKay, John St. Clair.
1895 MacKay, Katherine Joanna.
1902 McKay, William.
1902 MacKenzie, Jno. James.
1898 McKenzie, Murdoch Daniel.
1902 McKinnon, Wm. Francis, *B.A.*

† Deceased.
a Asst. District Attorney, N. Y. City.
b Capt H. Co., Sth. African Contgnt.
c Lieut. 4th Regt. C. M. R.
d Judge County Court, Lecturer on Crimes (Dal. Coll.)
e Mayor of Dawson.
f Prof of Medicine (Hfx. Med. Coll.)
g Prof. of Anatomy (Hfx. Med. Coll.)
1 Farrell Gold Medallist.
2 Medical Faculty Gold Medallist.
3 Lindsay Gold Medallist.

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1899 McLean, Murdoch Thomas.
1899 McMillan, Charles Edward, *B. A.*
1872 MacMillan, Finlay.
1872 † McRae, William.
1893 Meyer, Edward J.
1902 Millar, James Ross.
1874 Moore, Edmund.
1895 Moore, Ernest Fraser.
1893 Morrow, Arthur, *M. B., C. M. (Edin.) ad eundem gradum.*
1902 Morse, Geo. Randolph.
1898 Morton, Angus McDonald.
1874 Muir, William S, *L. R. C. P. & S. (Edin.)*
1895 Munro, Cranswick Burton.
1899 Munroe, James Gilbert.
1895 Murphy, George Nelson, *M. D.*
1902 Murphy, Geo. Hen.
1896 Murray, Duncan.
1901 O'Brien, Milton Addison, *B.A.*
1901 O'Donnell, Florence Maud.
1896 Olding, Clara Mary.
1897 Payzant, Henry Allison.
1900 Pennington John Wesley.
1902 Phinney, Willoughby Shafner.
1900 Pratt, Nelson.
1899 Randall, Mary Leila.
1900 Reynolds, James.
1900 Reynolds, Wm. Pearson.
1893 Rice, Frank Ernest.
1901 Roach, Edwin Bishop.
1901 Robbins, Welton Havelock.
1875 Robert, Casimir.
1900 Rodgerson, James Alexander Cummings, *B. A.*, l.
1896 Ross, Alexander.
1900 Salter, Orlando Ray.
1899 Shaw, Sidney Everett.
1895 Simpson, Henry Osmond.
1896 Slauenwhite, Stephen Sinclair.
1872 † Sutherland, Roderic.
1900 Taylor, Frank Woodland.
1901 Thomas, Lewis.
1898 Thompson, Alfred.
1892 Turnbull, George Dykeman.
1902 Watson, Dav. Thorb. Campb.
1901 Wardrope, Monson James.
1896 Williamson, Samuel W.
1901 Woodland, George Hart.
1892 Woodworth, Percy Churchill.

STUDENTS, 1901-1902.

FACULTY OF ARTS.

(The number in some cases affixed to the name, indicates the number of years attended by the student as candidate for a degree.)

Acham, Joseph Leon, 2..... Trinidad, W. I.
Anderson, Mary ....Sherbrooke.
Andrew, George Allen, 2 .....Arichat, C. B.
Archibald, Frank Rogers, 2.....Halifax.
Armitage, Rev William James, B. A. .....Halifax.
Baillie, Charles Tupper, 1.....Halifax.
Balfour, John Munro.....Westville.
Ballem, John Cedric .....Mt. Albion, P. E. I.
Barnett, John, Jr.. ....Hartland, N. B.
Batton, Viola Myra, 2.....Clarence, Annapolis.
Bauld, Duncan Stanley, 1 .....Halifax.
Baxter, Elizabeth Campbell.....Halifax.
Bayer, Harriet Muir, 2.....Halifax.
Begin, Thurston Stanley, 2 .....Mahone Bay.
Bentley, Regina Alice, 4 .....Halifax.
Bigney, Anna Letha, 2.....Wentworth.
Blackwood, Elizabeth Florence, 2.....Halifax.
Blanchard, Charles Prescott, 2.....Truro.
Blois, Harry Hope, 3.....Halifax.
Boak, Geoffrey James Alexander .....Halifax.
Bradley, John Alexander, 4 ....Princeport, Col.
Braine, Annie Morris, 2 .....Halifax.
Brehaut, Louis, 2.....Murray Harbour, P. E. I.
Brunt, Howard Dayne, 2 .....Halifax.
Buckley Roy Clifford..... .....Halifax
Burgess, Gordon..... ....Sheffield Mills.
Burris, Estella Mabel, 2. .....Lower Musquodoboit.
Cameron, Guy, 3 .....Charlottetown, P. E. I.
Campbell, Jessie Bell, 4.....St. Paul's Island.

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Campbell, Margaret Primrose Dickson, 2....Tatamagouche.
Campbell, Norman Garfield, 1.....Windsor, N. S.
Cann, Jeanette Aubrey, 4.....Yarmouth.
Carney, Michael James, 2..... Halifax.
Carney, William Frederick, 1.....Halifax.
Carr, James Bearisto, 3..... .....Campbellton, N. B.
Christie, Clarence Victor, 4.....Halifax.
Christie, George Archibald, 4.....Halifax.
Coffin, Ernest William, 4.....Charlottetown, P. E I.
Coffin, George Arthur, 2 .....Durham.
Coffin, Wesley Herbert.....Bristol, P. E. I.
Corbett, William Melville, 2 ....Blackville, N. B.
Creighton, Graham.....Halifax.
Crowdis, Charles Jacob, 2.....Margaree, C. B.
Cumming, Charles Gordon, 1 .....Westville.
Curry, Stewart Lithgow, ...Halifax.
Curry, Wilfred Allan, 1 .....Halifax.
Davis, Charles James, 1 .....Guysboro.
Daviss, Alfred Edward, 3.....Dartmouth.
Ferguson, Alexander, 2 .....Port Morien.
Ferguson, John Archibald, 3 .....Port Morien.
Fergusson, Nessie .....Richibucto, N B.
Fleming, Ernest Martin, 4 ..... Great Village
Forbes, Arthur Edward Grant, 1 ..... Little Harbour.
Forsythe, Robert Bell, 1 .....Alberton, P. E. I.
Forrest, Jean Fairbanks, B. A.....Halifax.
Frame, Harry Allan, 2 .....Shubenacadie.
Fraser, Everett, 2 .....North Lake, P. E. I.
Fraser, Hugh James, 3 .....Pictou.
Fraser, Sarah Dand ..... .New Glasgow.
Fraser, Wellesley, 2 .....New Glasgow.
Fulton, Thomas Truman, 4.....Bass River.
Gerrard, Louise Frances, 1 ....Hazel Hill.
Gladwin, Alice Pearson. 1 ....Truro.
Gordon, Jean Anna May, 4 .....River John.
Gordon, Wilhelmina, 2 ....Halifax.
Grant, William MacDonald, B. A .....New Glasgow.
Green, William Ira, 1 .....Clifton, P. E. I.
Harris, Helen Joyce, 1 .....Halifax.
Hill, Muriel Olive, 1 .....Halifax.
Howatt, Irving Brass, 4.....French River, P. E. I.
Hudson, John William, 2 .....Eureka.
Johnston, May McNutt, 2 .....Truro.
Kelly, William Liguorie, 2 ..... Halifax.
Kemp, Rev. Richard... ..... Halifax.
Kirker, Elbridge Archibald, 2 .....Quoddy.
Kirker, James Matthew Warren, 1 .....Quoddy.
Laing, Allan Pollok, 2 ....Halifax
Langille, Gilbert Webster, 2 ..... River John.
Lawlor, Gertrude Louise, M. L.....Dartmouth.
Lawrence, Charles Stramberg, 1..... ..... Hantsport.
Lawson, David Alexander, B. A..... Grafton
Liechti, Bertha ....Halifax.
Liechti, Minna ....Halifax.
Lindsay, Frances Jean, 3..... Halifax.
Locke, Enos Charles, 3 ....Lockeport.
Logan, Frank Robert, 2 .....Musquodoboit Harbour.
Loughead, George William, 3 .....Beaver Brook.
McAdam, Guy J, 2.....Woodstock, N. B.
McBain, Alexander Ross, 2 .....Meadowville.
McCain, George Leonard, 1 .....Sussex, N. B.

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McCurdy, Rahno Mabel, 3 ..... Onslow Station.
Macdonald, Alexander, 1 ..... West Bay, C. B.
MacDonald, Alexander Daniel, 2 ..... Pictou.
Macdonald, Campbell, 3. ..... Halifax.
McDonald, William, 4 ..... Springville.
MacDougall, Euphemia Mary, 3 ..... Truro.
McGillivray, Alexander Andrew, 1..... Lunenburg.
MacIntosh, Cyrus Ross, 2 ..... Sunny Brae.
Mackintosh, Peter Duncan, M. A ..... S.George's Channel, N.B.
McIntosh, Mary Gertrude, 2 ..... Truro.
McKay, Daniel L, 2 ..... Reserve Mines.
MacKay, George Moir Johnstone, 2 ..... Dartmouth.
MacKean, George Angus Ross, 2 ..... West Lahave.
MacKean, James Alexander, 4 ..... West Lahave.
McKeen William George, 4..... Mabou, C. B.
MacKeen, Winifred Florence ..... Halifax.
MacKenzie, Kenneth Ferns, 4 ..... Truro.
Mackenzie, Thomas George, 2..... River John.
Mackenzie, William Roy, 4 ..... River John.
McKinnon, Duncan Hugh, B. A..... Sydney.
MacLean, Donald, 2 ..... Fourchu, C B.
McLean, Murdoch Campbell, 1 ..... North Ainslie, C. B.
McLellan, John Archibald, 1 ..... Richmond.
McLennan, Kenneth John, 1 ..... Grand River, C. B.
McLeod, William Arthur, 1 ..... Lansdowne.
McNiven, Catherine, 2 ..... New Westminster, B.C.
Macpherson, Malcolm James, B. A..... Uigg.
McPherson, William, 1..... Springhill
McQueen, Norman..... Whitney Pier, C. B.
McRae Colin ..... Belle Cote, C. B.
McRitchie, Daniel John, 1 ..... South Cove, C. B.
Main, Charles Ogg, B. A ..... Rexton, Kent, N. B.
Malcolm, James, 3..... St John, N. B.
Manley, Clotilde Josephine, 2..... Halifax.
Marshall, Guilford Romeo ..... Halifax.
Matheson, Charles Wintield William, 3 .... Charlottetown, P. E. I.
Meek, John Geddie, 3 ..... Truro.
Mellish, James Roland, 3..... Halifax.
Millard, Harman..... Springhill.
Miller, Hugh, 1 ..... Garden of Eden.
Miller, George William, 3 ..... Newport.
Miller, Lemuel James, B. A ..... Charlottetown, P. E. I.
Mitchell, George Alfred, 3 ..... River John.
Mitchell, Gertrude Clara, 2..... Halifax.
Moody, Margaret Hutton, 4 ..... Halifax.
Morrison, Bertha Leila, 4..... Dartmouth.
Muir, David Holmes, jr, 2 ..... Truro.
Munro, Ernest Fraser, 1 ..... Margaree, C. B.
Murray, Ella Mabel, 1 ..... Sussex, N. B.
Murray Lulu Marion, 1 ..... Milltown, N. B.
Myers, Alexander John William, 4..... Lake Verd, P. E. I.
Myers, Charles Allan, M A. ..... Lake Verd, P. E. I.
Neish, Charles Wiswell, 1 ..... Halifax.
Nicholson, Daniel John, 4 ..... Eel Cove, C. B.
O'Hearn, Mary Catherine, 1..... Halifax.
Oliver, Charles Warren, 2 ..... Westville.
Parsons, William Henry, 2 ..... Harbor Grace, Nfld.
Peppard, Sarah Isabelle ..... Halifax.
Perkins, Ella Dawson, 3 ..... Charlottetown, P. E. I.
Power, William Kent, 2 ..... Halifax.
Proudfoot, James A ..... Saltsprings.
Rand, Annie Mack, 4 ..... Canaan.

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Read, Caroline MacColl.....Halifax.
Read, George Carruthers, 2 .....Summerside, P. E. I.
Read, Winifred.....Halifax.
Reynolds, Ada Maud Dickey .....Halifax.
Richardson, Lophemia Archibald, 4 .....Truro.
Rielly, John Franklin, 4 .....Summerside, P. E. I.
Ross, Edwin Byron, 2 .....Peel, N. B.
Ross, Daniel Keith, 1.....Lorne.
Ross, Lottie Louise, 1 .....Ross's Corner, P. E I.
Ross, Theodore, B. A.....Ross's Corner, P. E. I.
Roy, Alexander, 3 .....Maitland.
Roy, Ivy Emma .....Bedford.
Roy, Ruby Elizabeth.....Bedford.
Sanderson, Bessie Milne .....Halifax.
Scrimgeour, James Amos, 2.....Amherst.
Sedgewick, Garnett Gladwin, 3 .....Middle Musquodoboit.
Sedgewick, George Herbert, 4 .....Middle Musquodoboit.
Shaw, Robert McLeod, 4 .....Penobsquis, King's, N. B.
Slayter, Hilda M.....Halifax.
Smith, Alonzo Alexander, 3.....New Glasgow.
Smith Daniel Murray, 3 .....Truro.
Smith, Olive Winifred, 2 .....Halifax.
Spencer, Minnie Grace, 2 .....Halifax.
Spicer, Howard James, 2 .....Wharton.
Stairs, Gilbert Sutherland, 3 .....Halifax.
Stanfield, Eleanor Alice, 1 .....Truro.
Stavert, Robert Hensley, 4 .....Wilmot Valley, P. E. I.
Sutherland, Robert Hiram, 2 .....River John.
Stuart, Mary Ethel, 4 .....Truro.
Thomas, Louise Lorne, 4.....Dartmouth.
Thorne, Harvey, 1.....Dartmouth.
Toombs, Herbert Wesley, 1.....N. Rustico, P. E. I.
Trueman, John MacMillan, 2 .....St. John, N. B.
Upham, Hugh McMillan, 3.....Halifax.
Vance, Frederick Smith, 4 .....Folly Village.
Watson, Andrew Daniel, 1 .....Baddeck.
Webb, Walter Geoffrey, 1 .....Halifax.
Webster, Winifred May, 3 .....Waterville.
Weldon, Richard Chapman, jr, 2 .....Halifax
Weir, Andrew Stewart, 1.....Thorburn.
Woodbury, William Weatherspoon, 1 .....Halifax.
Young, Alexander McGillivray, 3 .....Millsville, Pictou Co.
Young, Luther Lisgar, 3 .....Millsville, Pictou Co.

FACULTY OF SCIENCE.

Baxter, Norman McLeod, 3.....Halifax.
Calder, Frank Heber.....Halifax.
DeWolfe, Loran A, 3.....West Gore, Hants Co.
Elliot, Laurie Benjamin, 3 .....Dartmouth.
Gordon, George Huntly, 3 .....Halifax.
Gorham, Charles Frederick, 1.....Rockingham.
Haliburton, Alfred Francis, 1.....Halifax.
Haverstock, W. Ernest, 2 .....Halifax.
Hebb, Thomas Carlyle, M. A.....Bridgewater.
Kinney, Charles Lewis .....Shubenacadie.
Lindsay, Murdoch Alexander, 4.....Halifax.
McCleave, Arthur Richard, 3 .....Amherst.
Millar, John McIntosh, 1.....Yarmouth.
Parker, George Henry, 1 .....Halifax.
Payzant, Arthur Silver, 2.....Halifax.
Ross, William Horace, 3 .....River John.

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Stewart William Edgar.....Jackson, Cumb. Co.
Urquhart, James .....Waugh's River.
Waring, Horace Lee ....St. John, N. B
Wilson, Joseph Lovitt, 4 ....Bridgewater.
Wood, Burton Justice, B. Sc.....Halifax.

FACULTY OF LAW.

UNDERGRADUATES.

THIRD YEAR.

Bill, John Philip Wiser, A. B. (Acad.) .....Wolfville.
Calder, Archibald Clement .....Campobello, N. B
Chipman, Frank Beverley Allen, A.M. (Acad.) Kentville.
Harris, William James .....Halifax.
Lockhart, Nathan Joseph, A. B. (Acad.) ....Pownal, P. E. I
Macdonald, William Roderick .....Guysboro.
Reid, Robert Alexander .....St. John's, Nfld.
Rhodes, Edgar Nelson, A. B. (Acad.) .....Amherst.
Ritchie, John William Pringle, B. A. (Tor.) ..Halifax.
Squires, Richard Anderson .....Harbor Grace, Nfld.
Worsley, Pennyman John, B. A. (Dal.).....Halifax.

SECOND YEAR.

Macleod, John Edward Annand, B. A. (Dal.) Dingwall, C. B.
Manning, Wiley McClintock, A. B. (Acad).. St. John, N. B.
Murray, Adam Henry Stewart, M. A. (Dal.)..Sussex, N. B.
Phelan, Thomas More, M. A.....Little Bras d'Or.
Savary, Henry Phipps Otty .....Annapolis.
Weldon, Joseph William, B. A. (Dal.) .....Penobsquis, N. B

FIRST YEAR.

Cameron, John McKinlay .....Pictou.
Carroll, William F., B. A. (St. F.X.) .....Margaree Forks, C.B.
Cheese, George Owen, B. A. (Oxon.) .....Little Kimble, Bucks, [Eng.
Dickie, Henry Alan .....Truro.
Fulton Allen, jr, B. A. (Mt. All.).....Folly Village.
Haviland, John Archibald .....Chatham, N. B.
Mackay, Ira, PH. D. (Cornell)..... .Millsville, Pictou.
Meagher, Thomas Joseph Neil .....Halifax.
Robertson, William C .....Marshfield, P. E. I.

GENERAL STUDENTS.

Bell, Isaac Hartley .....New Glasgow.
Bishop, Avard Longley, B. A. (Acad.) .....Laurencetown.
Brunt, Howard Dayne .....Halifax.
Cameron, John James ....Port Hawkesbury.
Cannon William Charles .....Boston.
Harrington, Gordon Sydney.....Halifax.
Landry, Adolphe Frank .....Amherst.
Macdonald, Alexander Elmore Murray.....Truro.
Mackenzie, William Roy .....River John.
Miller, Lemuel James, B. A. (Dal).....Charlottetown, P. E.I.
Moulton, George Albert .....Burgeo, Nfld.
Redmond, James Arthur..... .....Pugwash.
Nicholson, Samuel J.... .....Souris, P. E. I.
Scrimgeour, James Amos .....Amherst.
Viets, Robert Botsford..... .....Digby.
Young, Alexander McGillivray.....Millsville.

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FACULTY OF MEDICINE.

UNDERGRADUATES.

FOURTH YEAR.

Archibald, Charles Clifford.....Harmony, Col.
Blackadar, Ross Livingstone.....Hebron, Yarmouth.
Borden, Lorris Elijah, *B. A.*, (Dal.).....Sheffield Mills, Kings.
Cameron, Clarence Patrick Purcell.....St. Peter's, C. B.
Campbell, Duncan George Joseph.....Halifax.
Cock, James Lyall.....Truro.
Corston, James Robert, *B. A.*, (Dal.).....Halifax.
Fulton, Silas Arthur.....Truro.
Harris, William Cecil.....Sheffield Mills, Kings.
Hebb, Arthur Morrison, *B. A.*, (Dal.).....Bridgewater, Lun.
King, Alfred Albert, *B. Sc.*, (Tor.).....Hilden, Col.
McGarry, Patrick Alphonso.....Margaree, C. B.
McKay, William.....Millsville, Pictou.
MacKenzie, John James.....Pictou.
McKinnon, William Francis, *B. A.*, (St.F.X).Antigonish.
Millar, James Ross, *B. A.*, (Dal.).....Yarmouth.
Morse, George Randolph.....Melvern Square, Annap.
Murphy, George Henry.....Cross Roads, Ohio, Antig.
Philp, Martha Agnes Landers.....Halifax.
Phinney, Willoughby Shafner.....S'th Farmington, Annap.
Watson, David Thorburn Campbell.....St. Andrew's, Jamaica.

THIRD YEAR.

Austen, Minna May, *M. A.*, (Dal.).....Halifax.
Brehaut, Lester.....Murray Harbor, P. E. I.
Coffin, Melville.....Savage Harbor, P. E. I.
Crawford, Daniel McNeill.....Wood's Island, P. E. I.
Earle, Richard William Laurance.....Hampton, N. B.
Fuller, Lewis Obid.....Avonport, Kings.
Hawboldt, Harvey David.....Marriott's Cove, Chester,
Lawson, William Alfred.....Wallace, Cumb. [Lun.
Lessel, Frederick.....Halifax.
McCuish, Kenneth Angus.....St. Peter's, C. B.
MacIver, John Angus.....South Cove, Vict., C. B.
MacKenzie, Kenneth Alexander.....Springhill, Cumb.
McLeod, Albert Churchill.....Milton, Queens.
Morrison, John Charles.....Englishtown, C. B.
Murray, Daniel.....Meadowville, Pictou.
Norwood, Edmund Bambrick.....Hubbard's Cove, Halifax.
Potter, Jacob Leslie.....Canning, Kings.
Rice, Grace Elizabeth Bernard, *B. A.*, (Dal.).Weymouth, Digby.
Whitman, George Watson.....Guysboro.
Woodbury, Frank Valentine.....Halifax

SECOND YEAR.

Buckley, Clarence Edward Albert.....Halifax.
Champion, James Bearisto.....Alberton, P. E. I.
Cunningham, Allan Rupert, *B. A.*, (Dal.)...Dartmouth.
Day, Frederick Breckin, *B. A.*, (Mt. All.)...Lockeport, Shelb.
Day, Frederick William.....Halifax.
Dickey, Edwin Egbert.....Upper Canard, Kings.
Farquharson, William Oban, *B. A.*, (Dal.) ..Halifax.
Ford, Theodore Rupert.....Milton, Queens.

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Gillis, Andrew Colin.....Morar, Antigonish.
Hardy, George Albert.....Alberton, P. E. I.
Jardine, Frederick W.....Freetown, P. E. I.
Johnson, Thomas Ross.....Onslow Mountain, Col.
Kinkead, Edmund Clarke.....Kingston, Jamaica.
Layton, James Smith, *B. A.*, (Dal.).....Marshfield, P. E. I.
McAulay, Murdoch Alexander.....Glace Bay, C. B.
McDonald, Thomas Davidson.....Thorburn, Pictou.
MacDonald, Thomas Henry.....New Glasgow.
McKay, Daniel Alexander.....Welsford, Pictou.
MacKenzie, David Wallace, *B. A.*, (Dal.)...Flat River, P. E. I.
MacKenzie, Eliza Margaret.....Flat River, P. E. I.
MacKenzie, Jemima.....Waterside, Pictou.
MacKenzie, Luther Burns, *B. A.*, (Dal.)....Bedford.
McNeil, Alex. John.....Mabou, C. B.
Messinger, Stella May.....Tupperville, Annapolis.
Miller, Arthur Frederick.....Charlottetown, P. E. I.
Moseley, Arthur John.....Sydney, C. B.
Rankine, John, *B. A.*, (Dal.).....Halifax.
Slayter, Robert Underhill.....Halifax.
Stephens, Frederick Newton.....Tenecape, Hants.
Wallace, Peter James.....Chatham, N. B.

FIRST YEAR.

Blackadder Edward, *M. A.*, (Acad.).....Wolfville.
Crilley, Arthur Tannahill.....St. Stephen's, N. B.
Decoste, Stephen Herbert, *B. A.*, (St. F.X.).Harbor Bouché, Antig.
Dickson, Robert Bankier.....Antigonish.
Haverstock, Ernest.....Halifax.
McDonald, Daniel Robert.....Saltsprings, Pictou.
MacDonald, Thomas Gladstone.....Thorburn, Pictou.
McDonald, Wentworth Stanley, (*B.A.*,Dal.).New Glasgow.
McIntosh, George Arthur.....Argyle, Guysb.
MacKay, Victor Neil.....Earltown, Col.
MacKenzie, Mary.....Waterside, Pictou.
Mellish, James Rowland.....Halifax.
Miller, Alexander W., *B.A.*, (St.F.X.)....Margaree Forks, C. B.
Murray, James Alexander.....West River, Pictou.
Murray, William Duff.....Halifax.
O'Connell, John Ignatius.....Sydney.
Proudfoot, James Adam, (*B.A.*, St F. X.)..Saltsprings, Pictou.

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